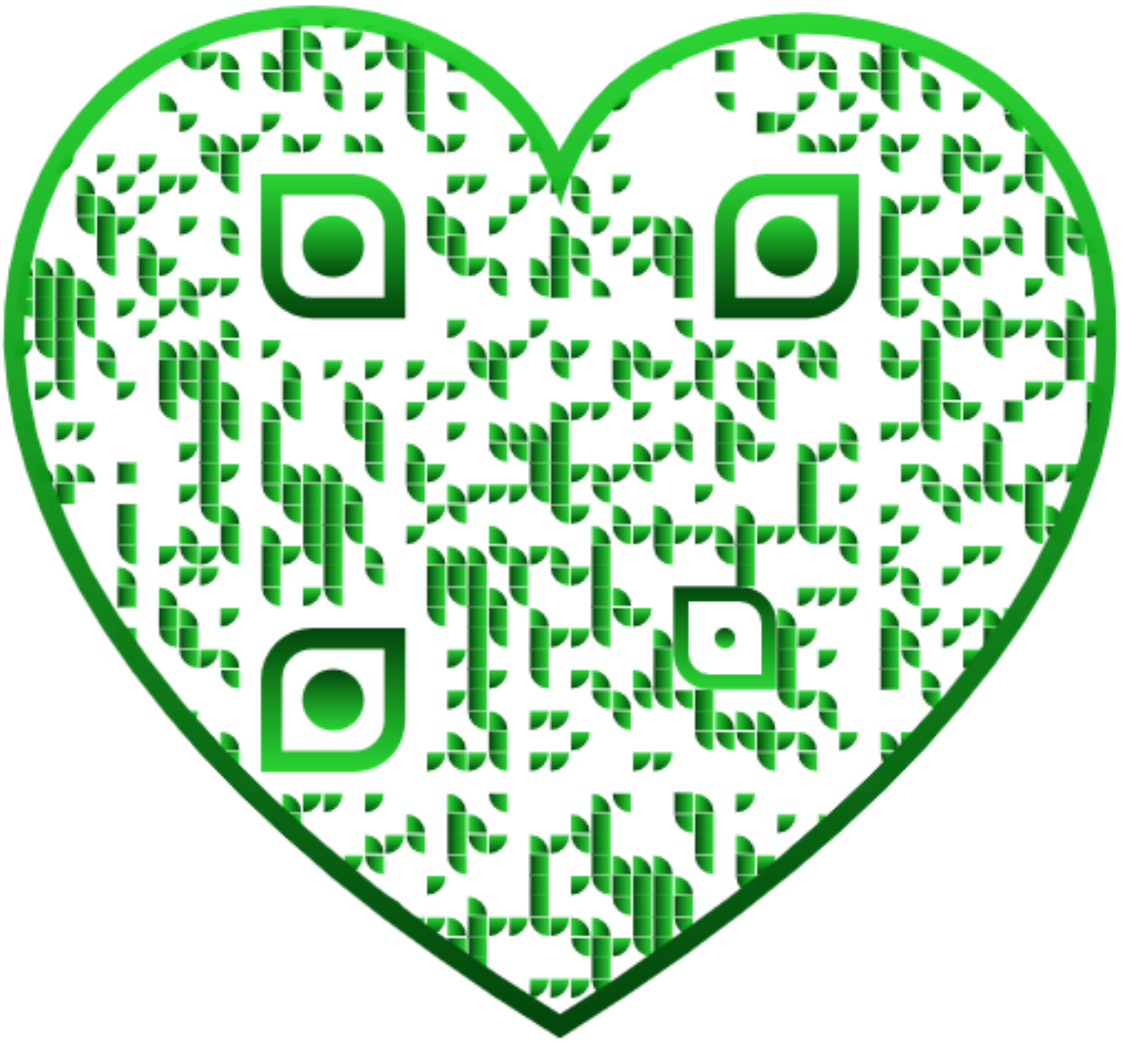

Wilhelm Reich

Orgone Energy, and UFOs

By Peter Robbins © 2011

All of Wilhelm Reich's many books begin with this particular quotation: "Love, work and knowledge are the wellsprings of our Life. They should also govern it." This lecture is dedicated to living that idea. It is fair to say that the past century saw more scientific advances than any preceding it. But perhaps its most important single, unified body of scientific knowledge remains its most controversial. The common functioning principle unifying this science, which its pioneering founder, Dr. Wilhelm Reich, named orgonomy, is the study of how energy functions in the living and the non-living realms. Orgonomy offers us groundbreaking applications in fields as diverse as biology, psychology, meteorology, cancer research, sociology, human sexuality, child rearing, political science and ufology, among other areas of study. But orgonomy was not well received into the times it was born. Some of its key findings challenged the basic precepts and physical laws our existing scientific order is built upon, while its bio-energetically based critique of mystical and mechanical thinking would have made it anathema to the majority of people in Western culture. So, it should not surprise anyone to learn that orgonomy has been ignored, distorted, attacked and confounded since it was first codified, by both the scientific mainstream and by establishment thinking.

The perceived threat it represented was so pronounced during the Eisenhower Administration, that more than eight tons of Reich's hardcover books, monographs and other original literature were consigned to government incinerators because bureaucrats at the Federal Drug Administration had targeted him as a medical fraud. This, to the best of our knowledge, without ever having attempted to replicate any of his published experiments - the prevailing thinking being: Why bother? He was a "quack." During his lifetime Dr. Wilhelm Reich was the target of attacks from both the right and the left; but his work and his findings were especially reviled by uncomprehending liberals, communists and active Soviet agents, who

more than understood the danger his work represented to their cause, especially as articulated in such books as *The Mass Psychology of Fascism*. Reich's blasts at Soviet-style communism have often been dismissed as the paranoid delusions of a great mind finally unhinged, but we can confirm that such observations were hyper accurate, and some even prophetic.

But it was Reich's acceptance of UFOs as a physical reality that dealt his professional reputation its most stunning blow. When you study the progression of his scientific work and thinking, it becomes obvious that his investigation into the phenomenon was merely the logical extension of a common functioning principle that had guided him throughout his almost forty years in professional life; that is, how energy functions in the living and non-living realm.

Nonetheless, one of ufology's most significant chapters continues to remain one of its least known: in the early nineteen fifties Reich developed the cloud-buster, a simple yet effective apparatus which, when properly employed, was capable of altering weather patterns in the surrounding atmosphere. More, some of these weather modification operations attracted UFOs - first over southern Maine in 1953, then above Arizona in 1954. On December 14 of that year, this series of cloud-busting operations culminated in what can only be characterized as a "battle" in the skies over Tucson. Wild as these allegations may sound, they were well documented and multiple-witnessed.

What were the scientific dynamics that allowed such a deceptively simple apparatus to alter entire weather fronts? And why did this activity seem to attract the appearance of UFOs? What were the documented specifics of his contacts with the United States Air Force, and of his relationship with Albert Einstein? Is there any reason to suspect that MJ-12 was aware of - or interested in – Reich's work? And are there any realistic reasons to suspect foul play in his death? This paper draws from a number of printed, archival and human sources (all noted), including correspondence with A.S. Neil and Albert Einstein; Reich's final book, *Contact With Space*; and *Wilhelm Reich and the Cold War*, by my friend and colleague Jim Martin, who is also founder of Flatland Books. I am also indebted to Reich biographer Dr. Myron Scharaf, and to Reich's long-time first assistant, Dr. Elsworth F. Baker, for having taken the time and for having had the patience to answer many of my questions.

Jerome Eden was an author, educator and ufologist, and used to refer to UFOs as the idiot child of the media. If this characterization is accurate, and many of us would maintain that it is, then I respectfully submit that the truth about Dr. Reich's UFO-related observations, findings and conclusions are the idiot child of ufology. The intention of this paper is to help familiarize the reader with the specifics of this remarkable episode in Post-War History. To best appreciate this account, however, it is important that we view it in some context. More, that we have a basic understanding of how Reich came to arrive at that quietly historic moment in 1953 when he first pointed a series of long metal pipes at an unknown object high above his rural Maine property and observed that the object reacted as a direct result, then upon re-aiming, react again, and again.

Background

Wilhelm Reich was born in the Austro-Hungarian Empire in 1897. His father was a stern government bureaucrat, his artistic mother, was a piano teacher. "Willi" and his brother Robert grew up on the family's rural estate observing nature and natural-functioning first hand on a daily basis; and both received educations from private tutors. In 1914, the Balkans erupted in flames, and over the next four years World War One swept the empire and the rest of old Europe into oblivion. Reich served with distinction as an artillery officer in the Austro-Hungarian Army until war's end. With all of the family's property and holdings vaporized in the empire's defeat, Reich made his way to Vienna where he enrolled medical school, supporting himself as a tutor for the duration of his studies.

Reich was drawn to Vienna in part because of his intense interest in the pioneering work of Dr. Sigmund Freud. Following his graduation from medical school he became a pupil of Freud's, then went on to work as Freud's assistant for the next six years. They parted ways in 1929 when Reich, after much clinical work and observation in the early psychoanalytic tradition, presented case findings to Freud supporting his view that literally all human neurosis were, at the deepest levels, rooted in some form of sexual dysfunction, a radical notion for Victorian Vienna and mental health professionals of the 1920s. Freud and his followers believed that many neuroses had a sexual basis, but certainly not all of them. Reich's radical view that the social problems of individuals and governments were caught up in the dynamics of sexual repression estranged him from his analyst colleagues. Reich's departure from the Freudian ranks created a backlash of

resentment and the origin of the myth of his mental instability. After all, why else would he have split with the great Freud? The rumormongering and the innuendo begun by former psychoanalytic colleagues would follow him for the remainder of his life. It was about 1927 when Reich first became involved with the Austrian Communist Party, his intention being to marry the revolutionary mission of their already-existing mental health clinics to those of healthy sexual functioning for workers. Here, responsible sex-education and contraceptives were freely disseminated. The popularity of these "Sexpol" (sex/politics) clinics extended into Germany and then the Soviet Union, and, for a time, they were allowed to thrive. Much to the disappointment and upset of the communists, however, sexually healthy workers and party members tended to put their personal happiness and goals above those of the party, a travesty that could not be allowed to stand: by 1934 Reich had been expelled from the Communist Party, their rationale for his expulsion being that, yes, the once-brilliant young scientist was now manifesting symptoms of insanity. The essence of his alleged mental illness is reflected in this obviously unhinged statement: "This is what I am fighting for: the prevention of emotional human misery by the establishment of a normal and natural - that is, orgastically satisfying - human life in the masses of people." To any group or individual intent on controlling the lives and thoughts of others, these are the words of a truly dangerous man. The party never forgave him this travesty and efforts to damage his reputation and impugn his work became commonplace from 1934 on.

Later that year, Reich immigrated to Scandinavia. Here he continued with his experiments and therapeutic practice with a core group of colleagues, devoting much of his experimental work and study to the dynamics of cancer formation. His outstanding books *The Impulsive Character*, *Character Analysis*, *People In Trouble*, *The Mass Psychology of Fascism* and *The Cancer Biopathy* all came out of this period. Reich immigrated to the United States in 1939 and was invited to join the faculty of New York City's New School for Social Research the following year. He settled in Forest Hills, a then-quiet district in the Borough of Queens where he went into private practice, wrote, and refined his character analytic therapy, or medical orgone therapy as it became known. Energetic functioning in people was now his primary interest and his key efforts were directed toward dissolving the chronic muscular contractions of his patients: this human "armoring" served to block natural feeling and hold neurotic behavior in place.

The Orgone Energy Accumulator

It was during this time that he discovered the specifically biological energy that he called orgone, and a deceptively simple therapeutic and experimental device that could concentrate the energy and allow it to be measured in a laboratory setting. He named it the orgone energy accumulator, or ORAC. Thinking individuals in many cultures had long pondered this energy. Early Hindu texts referred to it as the "Prana," while Victorians named it the "ether," but the former tended to mystify the concept while the latter mechanized it. The size of the accumulators Reich and his associates constructed over the years varied, from that of a small box up to a large room. However, the ORAC most people are familiar with was designed to hold a single person and was about the size of a small phone booth. A properly constructed accumulator is made up of alternating layers of organic and inorganic material; steel wool and fiberboard were found to be ideal for the purpose. The non-metallic (organic) material tends to attract and hold the atmospheric energy, while the metal (inorganic) also attracts the energy, but unable to absorb it, rapidly reflects the energy. Simply put, the accumulator works on the basis of what Reich termed the orgonomic potential. That is, unlike the conventional energy systems we are accustomed to thinking in terms of, i.e.: electromagnetic energy moves from the stronger system (the source) to the weaker - orgone energy flows from the weaker system to the stronger one.

Sitting in an accumulator has a most perceivable result for many, including myself. The weaker energy field radiating from the inner layer (organic) is drawn to the stronger field of the individual inside. The flow of the field is experienced as a warming or tingling sensation. An individual with a naturally high energetic charge may begin to feel uncomfortable fairly quickly, possibly experiencing some dizziness, or the sensation of some pressure in the head. Any such feelings quickly dissipate when you exit. A person with a low energy charge, however, can remain in an accumulator much longer while feeling little if any difference. The number of layers used in the device's construction contributes to its relative power; the more layers, the higher the energetic potential. Depending on the person, effects can be felt within a few minutes. A small accumulator can be used to germinate plant seeds at an accelerated rate while a slightly modified version speeds the healing time of wounds and burns. I speak here from many well-documented user and investigative accounts, as well as from personal experience. Therapeutically, sitting in an ORAC has an expansive effect on

the organism, especially in terms of the blood vessels. It also increases the bio-energetic level of the person undergoing the experience by charging the tissues and the blood. There is no set or prescribed length of time for its use, though fifteen minutes to half an hour once or twice a day is not an unusual routine.

Reich persevered with experiments designed to isolate and confirm the reality of orgone energy, but, aware of the controversy the announcement of such a discovery might create, he continued to verify his findings without fanfare or public acknowledgement. One of the experiments was calculated to measure the heat inside an ORAC and compare it with the temperature inside a control box. The experiment was named To-T (T oh minus T). Reich and his colleagues observed that a change in the atmosphere would alter the temperature differential, and To-T is a reliable predictor of changes in the weather. If there is a conventional explanation for this temperature differential, one that can be demonstrated under laboratory conditions, I am not aware of it.

The Einstein Affair

In late December 1940, Reich sent a carefully worded letter about his work to Albert Einstein. The letter, written in German, said, in part: "Several years ago I discovered a specific biological energy which in many ways behaves differently from anything that is known about electromagnetic energy. The matter is too complicated and sounds too improbable to be explained clearly in a brief letter. I can only indicate that I have evidence that the energy, which I have called orgone, exists not only in living organisms, but also in the soil and in the atmosphere; it is visible and can be concentrated and measured (emphasis his), and I am using it with some success in research on cancer therapy." The physicist responded by letter six days later, apparently intrigued enough to invite Reich to demonstrate the existence of this energy in person. The meeting was arranged through Einstein's secretary-assistant, Helen Dukas, and set for January 13, 1941.

The two men met for more than four hours that afternoon to discuss Reich's work and findings. He had brought several experimental devices with him to demonstrate his findings, and Einstein observed the glowing orgone energy for himself through a laboratory apparatus designed for that purpose. Seemingly unwilling to believe his own eyes, the great physicist acknowledged the decided glow, but refused to rule out what he described as

"the subjective element." It was toward the end of their meeting that Reich told Einstein of the measurable heat created inside the ORAC. Conversation then shifted to the implications of such a discovery, something not lost on either scientist. Reich noted in his diary that Einstein's reaction had been: "That is impossible. Should this be true, it would be a great bomb (to physics)." An understandable reaction, given that the heat differential that had been repeatedly observed by Reich and his assistants during To-T violated the Second Law of Thermodynamics - that is, that equal volumes tend to equalize in temperature. In anticipation of the meeting Reich had noted in his diary: "Orgone constitutes the 'field' that Einstein is searching for. Electricity, magnetism, gravitation, etc., depend on its functions."

Einstein wanted to verify this temperature differential for himself, and Reich returned to Princeton the following week to deliver the necessary equipment. We do not know what Einstein wrote about this meeting, or about Reich. Author Jim Martin noted that Einstein's archives never responded to any of his information requests, making them the only archive to ignore a research inquiry during the preparation of his book, *Wilhelm Reich and the Cold War.*

It is fair to say that in 1941 Albert Einstein was the best-known scientist in the world; he had been so since his Theory of General Relativity first began to make worldwide scientific news in 1919. Einstein arrived in America from Germany in 1933, along with his assistant and secretary Helen Dukas. While the FBI was aware of the physicist's left-leaning sympathies, they strongly suspected Ms. Dukas of being an active asset of Soviet intelligence since at least 1929. Both Ms. Dukas and Dr. Einstein were put under fairly close observation by the FBI from the time that they entered this country. (The FBI would soon begin to build a huge file on Reich as well). Surveillance increased following his joining other physicists in signing a secret letter dated December 30, 1940 advising President Roosevelt to authorize development of an atomic bomb project, this as the Germans might be moving ahead on just such a venture (they were).

Einstein spent a week conducting and studying To-T, and on February 7 wrote Reich that he had confirmed (and reconfirmed) that the accumulator registered an average 0.3-0.4 degree temperature (centigrade) higher than the control box, confirming Reich's assertion, and the observations of numerous others of the past sixty years. But then one of Einstein's assistants offered a simple explanation. The differential was caused by "convection" - that is, the difference between the air temperatures under and above the table the

accumulator had been placed on: Einstein had set one box on a table and suspended another in the air. He closed the letter, “I hope this (explanation) will awaken your sense of skepticism, so that you will not allow yourself to be deceived by an illusion that can be easily explained. Please have someone pick up your instruments, since they are of some value. They are undamaged. With friendly greetings, A. Einstein.”

Stung, Reich wrote back imploring Einstein to re-conduct the experiment, but this time following the strict protocols devised to eliminate such a false explanation. Reich even describes his having repeatedly and successfully conducting To-T with both boxes buried underground, thus eliminating any possibility of “convection,” but Einstein would hear none of it. Reich thought it as memorable that Einstein had been so willing to accept the first rationale that had come along, as his expressing no interest in re-conducting the experiment under more controlled conditions. The letter ended with a moving plea for some respect and consideration, but no direct response was ever forthcoming. We do not know if Einstein even saw this letter: at the time, all of his mail would have been screened by Helen Dukas, who may have had her own reasons for not wanting Einstein to confirm Reich’s findings. Letters from Reich and his colleagues, and Einstein and his assistants continued to change hands over the next few years, but no resolve was ever achieved.

Jim Martin writes in *Wilhelm Reich and the Cold War*: “Reich’s letter to Einstein in response to ‘convection’ is the most eloquent example of scientific dialogue I have ever read. Indeed, Reich’s description of the issues involved, the experimental protocols to test the objection, and the design of new experiments to shed light on the question, so inspired me when I first read *The Einstein Affair* that I set up the experiment at home. I confirmed the basic fact, for myself, and have sought a rational explanation that fit into established physical science, without success. Like so many of Reich’s discoveries, this has been completely ignored, but never experimentally refuted.”

Anyone interested in learning more about this equally compelling and frustrating footnote to the scientific history of the Twentieth Century can secure a copy of *The Einstein Affair* from the Wilhelm Reich Museum bookstore in Rangeley, Maine. The publication, which contains the complete Reich-Einstein correspondence, includes all the protocols necessary for conducting the To-T experiment; it is written in a manner that will allow any interested layperson to conduct the experiment for his or herself.

Mrs. Brady and the FDA

The Federal Drug Administration began to build its case against Reich in 1947. The red flag that alerted them to the danger Reich and his work posed to the American people was an extraordinarily vicious smear article written by a far-left-leaning journalist, Mildred Edie Brady. *The Strange Case of Wilhelm Reich* appeared in the May 26, issue of *The New Republic*; other biased and distorted articles followed. *Time Magazine's* offering was entitled *The Marvelous Sex Box*. Brady's article was a masterpiece of distortion that attacked Reich's "sex racket;" while trumpeting an out-and-out lie - namely, that he had stated the orgone accumulator was a cure-all. Mrs. Brady was not your routine freelancer; she was, among other things, a respected member of the drug regulation elite and actively helped to create FDA legislation as early as 1938. She was also a founder of Consumers Union, a communist-dominated organization that had broken away from Consumers Research, Inc. in 1935. Brady was also professionally associated with one of Reich's lawyers: Arthur Garfield Hays was a Sponsor of Consumers Union. Former Consumers Research board member, J.B. Matthews, wrote that in the nineteen thirties Hays was known to support the Communist Party via its "united front" organizations. Reich was unaware of his attorney's politics, and of his association with Mrs. Brady.

There is no question that *The New Republic* article was clearly libelous, and Reich instructed Hays to initiate libel action against Mrs. Brady and the magazine. His medical colleagues agreed and likewise wrote to Brady in support of Reich's decision. Incredibly, Hays talked his client out of pressing the action, and the scientist, unfortunately, took his counselor's advice. This proved to be a crucial misstep and other scurrilous articles followed over the years that the FDA quietly went about building its case. Hays never told Reich that he knew and worked with Brady, but in an equally pronounced travesty of justice, one of Reich's other lawyers, Peter Mills, would go on to become the prosecuting attorney when Reich finally came to trial. But there were greater factors at play here as well. Jim Martin's tenacious investigative scholarship has established that *The New Republic's* owner, Michael Straight, was deeply connected to the members of the Cambridge Five Soviet spy ring, and a legal action against Brady and the publication might well have put Straight on the stand. With Hays successfully convincing Reich to waive any legal action, a trial-based opportunity to reveal the degree to which Soviet intelligence had penetrated British intelligence was lost.

Wilhelm Reich and UFOs

”What do they want for Proof? There is no proof. There are no authorities whatsoever. No president, no academy, court of law, congress or senate on this earth has the knowledge or power to decide what will be the knowledge of tomorrow. There is no use in trying to prove something that is unknown to someone who is ignorant of the unknown, or fearful of its threatening power. Only the good, old rules of learning will eventually bring about understanding of what has invaded our earthly existence.”

Wilhelm Reich: Contact With Space

Reich moved from New York to an area just outside the town of Rangeley in rural southern Maine in the early nineteen fifties. Here he built a new home and laboratory personally designed to integrate home and laboratory into a single, brilliantly practical building, now the home of the Wilhelm Reich Museum. Another laboratory was added soon after for students. This structure was the setting for the so-called Oranur Experiment, a chilling example of the accumulator’s undeniable ability to concentrate energy. The experiment called for the placing of a very small amount of radium in an accumulator, the unexpected result of which was to toxify a surprisingly large area of southern Maine surrounding his home and laboratory, one that took several months to dissipate.

And so we come to it: Reich’s interest in UFOs dates from 1953. Why did he become interested in them, and how did he arrive at his conclusions concerning them? Until 1953 there is no written or anecdotal indication that he had paid any attention to all the publicity surrounding “flying saucers,” even when, in 1952, some visitors to his home and laboratory reported seeing shining objects in the sky that were decidedly not stars. In November 1953, though, he read one of the best books available on the subject at the time, *Flying Saucers from Outer Space*. The author, a retired Marine Corps Major named Donald Keyhoe, was a highly respected and decorated World War II fighter pilot and pioneered much of the basis for modern scientific UFO studies. Reich’s writings indicate he was intrigued by Keyhoe’s observation that the maneuverability, speed and silence of the unknowns repeatedly defied conventional laws of mechanical flight. At the time, Reich wrote: “I had not studied anything on the subject: I knew practically nothing about it. But my mind, used to expecting surprises in natural research, was open to anything that seemed real.”

Keyhoe's book was followed by E. J. Ruppelt's book: *The Report on Unidentified Flying Objects*. Ruppelt was a retired USAF Captain who had headed the Air Force's ongoing UFO record-keeping (and public relations) program, Project Blue Book, and his book prompted Reich to note: "The Ruppelt *Report on UFOs* clearly reveals the helplessness of mechanistic method in coming to grips with the problems posed by the spacemen. The cosmic orgone energy, which these living beings are using in their technology, is beyond the grasp of mechanistic science since cosmic laws of functioning are not mechanical but what I term 'functional.' The helplessness of mechanical thinking appears in the tragic shortcoming of our fastest fighter jets to make and hold contact with UFOs. Being unavoidably outdistanced is not a flattering situation for military pride. The conclusion seems correct: Mechanistic methods of locomotion must be counted out in coping with the spaceship problem."

One night as he sat on the steps outside his home in Maine, something flashed by at great speed, its behavior not suggestive of a comet, meteorite, or shooting star. Reich reported the sighting to the Air Force Base at Presque Island, Maine; it was the first of many sighting reports he would forward to the Air Force. Following his report, he was asked to fill out an official questionnaire. In March 1954, Reich sent a copy of his survey on UFOs to the Air Force. The survey was actually a manuscript detailing his theoretical conclusions of them as spacecraft.

The questionnaire came out of AFR 200-2, the Air Force's regulation regarding the reporting of UFOs that had gone into effect in August of that year. Reich had filled out copies of the form following a number of sightings. His daughter, Dr. Eva Reich, now a retired physician living in Maine, recalled that: "The interest of the Air Force in UFOs was being totally suppressed at that time. When you reported a UFO, they came to you with this questionnaire, and told you it was secret, and had you fill it out. Then they took it away; what happened with it, nobody knows. When Reich published the questionnaire in *Contact With Space*, he revealed a big secret."

Basic to this scientist's understanding of the universe was the pervasive presence of energy (which he termed orgone energy), implying the possibility of life in space. At this time his questioning encompassed the galactic currents, the formation and destruction of star systems, and the origin of the universe itself. Along with his deepening involvement in cloud-busting, Reich now began a careful examination of the stars and set about

proving that some “stars” did not behave like others. The method he used was nocturnal, time-lapse photography. In this investigative technique, the camera is carefully set to face the night sky with the shutter open: the experiment proceeded with unexpected results. Some of the stars did not produce the white lines caused by the Earth’s rotation. These stars simply vanished indicating they were something else. He now began to wonder in earnest what they might be, and specifically what they were doing in the skies over Maine.

Reich saw the Oranur Experiment, with its massive pollution of the Maine area, as the cause of their immediate interest in the region. Considering his own observations, those of a number of co-workers, and independent reports of UFO activity over Maine, it was hardly egoistic that he should assume that his activities might be the subject of their special attention. If these craft had harnessed the sea of energy pervading the universe, what might be the effect of training a cloud-buster on one? . The results of this action were both profound and disturbing. He writes in *Contact With Space*: “I hesitated for weeks to turn my cloud-buster pipes toward a ‘star’ as if I had known that some of the blinking lights hanging in the sky were no planets or stars but space machines. With the fading out of the two ‘stars,’ the cloud-buster had suddenly changed into a space-gun. When I saw the ‘star’ to the west fade out four times in succession, what had been left of the old world of human knowledge after the discovery of orgone energy, tumbled beyond retrieve. From now on everything, anything, was possible. Nothing could any longer be considered ‘impossible.’ I had directed the draw-pipes connected with the deep well towards and ordinary star and the star had faded out four times. There was no mistake about it. Three more people had seen it. There was only one conclusion: The thing we had drawn from was not a star. It was something else - a UFO. The shock of this experience was great enough not to repeat such an action until 10 October 1954.”

Preceding this, on October 5 and 6, three large, yellow UFOs hung low over the southern horizon with another over the observatory on Reich’s property. On October 10, a large reddish UFO hovered just to the south of the property. At this point, the cloud-buster was trained on it and it moved. The unknown became less red as the device kept its aim, then moved higher, and later sank down below the horizon. Shortly thereafter, a second light (yellow) appeared in the west. After two minutes of direct drawing, it faded, came back, flashed, pulsated, and wobbled while moving irregularly from south to north. There was for Reich the distinct, subjective impression of a

struggle. It came back again shortly after, and again, became fainter and smaller after drawing on it. The remaining four unknowns (to the north, south and west) then removed themselves, disappearing from sight.

On October 10, for a second time, Reich dimmed "stars" and induced them to move, "as if in flight in different directions." He again concluded they were machines, and not ones of terrestrial origin. While it might seem naive to some, Reich choose to direct his written concerns regarding this likelihood directly to President Eisenhower. The White House response asked him to send such communications to the Air Force, and to the CIA. As a result, a letter articulating his observations of, and concerns about UFOs was sent to the Director of the Central Intelligence Agency, a career Naval Intelligence officer named Roscoe H. Hillenkotter. Reich would have had no way of knowing, but in more rarefied circles the Director was sometimes referred to by another title: MJ-1.

Not only had Reich inadvertently made contact with a member of the President's Ultra Secret UFO working group, he had reached out to its top man. Was the information Reich supplied a contributing factor in Hillenkoetter's becoming such a vocal opponent of UFO secrecy following his stepping down as Director, or was this simply part of a plan to allow an extremely highly placed operative to insinuate himself smack in the center of civilian UFO counterculture? I cannot say, but I am convinced that if the members of MJ-12 were not aware of Reich's UFO-related activities prior to October 1954, they were from that time on, and would have identified him as a man whose actions bore monitoring, and possibly worse.

In *Wilhelm Reich and the Cold War*, Jim Martin identifies one other plausible link between Reich and MJ-12, and his name was Lewis W. Douglas. Reich refers to him briefly in *Contact With Space* as the Director Savings and Loan, and as a close associate of President Eisenhower. He was also Director of Research for the Institute of Atmospheric Physics in Tucson and a man very interested in weather control. Their first contact dates from 1954 when Reich had his assistant, William Moise, attempt to contact Douglas and arrange a meeting with him. It had not been Reich who suggested to Moise that he get in touch with Douglas; it had been Charles Gardner, Jr., Executive Secretary of the Advisory Committee on Weather Control for the government; and the National Weather Bureau's liaison with the Institute of Atmospheric Physics. Gardner had actually written to Moise on March 21, 1955 saying: "We appreciate being informed of your activities." Douglas's

secretary wrote up Moise's calls in the form of memos. The first one read in part: "He {Moise} had just come from Washington and had spoken to people in the Dept. of Agriculture, Weather Bureau and in Mr. Gardner's office about weather control. They suggested that Mr. D {Douglas} might be interested in information he had." But no answer was forthcoming until July 27 when Douglas cabled Moise, and Reich and Douglas began to correspond. They likely would have met in Tucson later that year, but Douglas had to be hospitalized for major surgery during the time Reich visited Arizona. My colleagues Jim Martin and Kenn Thomas (archivist, author and conspiracy-related publisher) have engaged in some educated speculation on the possibility of a link between Lew Douglas and MJ-12, and it is worth relating here. I draw directly from Martin's published comments in doing so. Douglas was known to be very close to Eisenhower and had a well-known interest in weather control. The Douglas-Moise Memo is dated July 14, 1954, only ten days prior to the seminal National Archives' MJ-12 document, the Cutler-Twining Memo. Thomas reminds us that Robert Cutler had been with the CIA as a psy-ops (psychological operations) expert, and instrumental in bringing Eisenhower's "Atoms for Peace" to completion. In his memo, Cutler informs USAF General Nathan Twining (MJ-4) that a scheduled meeting is being changed, and that the "Special Studies Project" would now meet "during the already scheduled White House meeting of July 16, rather than following it as previously intended." What the actual reason for this change, it insured that President Eisenhower would be in attendance.

Quoting Martin: "Thomas suggests that the timing of this sequence of events might indicate that Douglas, as a member of Eisenhower's 'kitchen cabinet,' may have been privy to or associated with the MJ-12 group. I agree that Douglas, one of the most powerful men in American politics at the time, would have known about MJ-12 if it existed. Thomas argues that Douglas, having been briefed about the meeting of MJ-12 members on July 16 at the White House, developed a more serious interest in Reich's planned operations in Tucson on the basis of Reich's observations of UFOs. This would have explained the sudden change in attitude on July 27, 1955, when Douglas sent a telegram to Moise inviting further correspondence. After all, Douglas had hired a 'UFO nut,' James E. McDonald, to head the IAP in 1954."

Conspiratorial musings or grounded, informed speculation? Personally, I subscribe to the latter. For the record, Martin establishes that Reich drove

through Roswell on his way to Tucson. There is some intriguing anecdotal evidence that he returned there, but it is not inconclusive.

Reich's point of view on UFOs shifted between 1953 and 1957. At first he theorized they were benign observers, but gradually became convinced that, either by intention or accident, they were contributing to the pollution accumulating in the atmosphere. *Contact With Space*, privately published after his 1957 death, documents early weather modification, or CORE (cosmic orgone engineering) operations and the 1954-55 cloud-busting expedition to Arizona. The book, published in an edition of only five hundred, details a great deal more information than this paper is designed to cover, and it is not my intention here to synopsize this sweeping text, only that Reich's scientific observations of, interactions with, and findings on UFOs chronicled in *Contact With Space* made it indispensable in the preparation of this article.

The following day, October 11, Reich authorized his friend, research associate and son-in-law (who was a trained cloud-buster operator), to call the Air Technical Intelligence Command (ATIC) in Dayton, Ohio, and make an appointment to discuss the disabling of the UFOs the previous day. Moise was in Ohio on his way to Arizona at the time. A meeting with a General Watson was agreed upon on for October 14. Over the phone Watson asked Moise, if necessary, could their conference be continued into the evening, and how did Reich know that the UFOs had been disabled? Moise arrived at the facility early on the 14th, where he was met by a Dr. Byers, who was a physicist employed by the command. Byers escorted Moise to the conference, also attended by a USAF Captain Hill and a civilian named Harry Haberer (6:8). Asking where General Watson was, Moise was told that he was unable to attend. Angered, Moise left and returned to his Dayton motel. The next day Moise received a phone call from Captain Hill conveying Watson's apologies, and was asked if the report could be made to ATIC Deputy Commander Colonel Wertenbaker. Moise agreed and they met later that day. Present were Captain Hill, Dr. Byers, Haberer and the Colonel. Moise gave an oral presentation and all took notes except the Colonel. Feeling that this had been a significant meeting, that at least some breakthrough had been made in interesting a branch of the government in Reich's observations of the involvement with UFOs, Moise wrote that: "The contact with Col. Wertenbaker was excellent throughout the conference. He was serious, intent and looked at me while I talked. He was the only one who did. His excitement increased as the report progressed."

Several days later, the Colonel wrote to the Director of Intelligence for the Air Force - somehow this note ended up in the Food and Drug Administration's case file on Reich. It read in part: "General Watson did not talk personally to Mr. Moise, I am happy to say, but I interviewed this person…the information given us by Moise defies description and I'll not attempt to give you the details…the Air Force will do well to avoid entanglements but what is absolutely necessary from the standpoint of good public relations." Dr. Byers, the physicist, told Moise that he was familiar with Reich's work. Harry Haberer, the civilian in attendance, was described as working on the history of UFOs with the Air Force. Leaving Ohio, Moise continued on to Arizona. Meanwhile, Reich, his son Peter, and several others were driving west as well. Each vehicle carried an appropriate assortment of laboratory equipment and had a cloud-buster in tow. They arrived at the leased property ten miles outside of Tucson on October 19, 1954. Once settled in, they commenced drawing operations, regularly observing the atmosphere with their meteorological instruments. Records were kept in accordance with strict scientific method. Individual journals were also kept.

Robert McCulloch, another trained cloud-buster operator, assisted Reich and Moise in the operation. Drawing began at the end of October and many UFOs were observed during the nights of October 31 and November 1 over the area. By November 7, moisture in the atmosphere had risen from the usual 15% to 65%, an unheard of relative humidity for Tucson. Drawing continued, mostly from the southwest direction. On November 7, the first clouds were forming thickly and soon covered the sky, indicating rain. Then, without apparent explanation, the clouds began to decompose. That evening, a large, bright UFO was seen coming up from the north. It moved slowly southwest until it stopped and hovered for several hours ten to fifteen degrees above the southern horizon. A connection between the dissipation of clouds and the presence of UFOs in the skies seemed unavoidable after this sequence of events continued to repeat.

Weather modification was a subject of genuine interest to a number of military and civilian offices within the Eisenhower Administration, and the Tucson-based Institute of Atmospheric Physics was founded in 1953 as a direct result of the President's 1953 Advisory Committee on Weather Control. An atmospheric physicist with a background in Naval intelligence was appointed to the committee as Associate Director, and at some point during that November or December he might have met Reich. His name was

Dr. James E. McDonald, and we know him to be another scientist of great courage and passion, one who, like Reich, had the temerity to work toward bringing the subject of serious UFO studies to the American public, much to the detriment of both their careers. Eva Reich recalled that McDonald had visited the cloud-busting site when a TV crew came to film their operations, and that both he and Reich had been interviewed for the report. But the footage was never aired. From what we know of Dr. McDonald, there is likelihood that he would have had cause for serious interest in at least two areas of Reich's work. Still, we do not know conclusively whether the two actually met, and possibly talked that day, or whether their paths had merely crossed on the edge of that desert. But there is the additional factor to consider as well - that at the time McDonald was working closely with, and for, the previously discussed Lew Douglas.

By November 13, the relative humidity had risen to 67% and rain seemed imminent in a location that had seen none in five years. But by that evening the humidity had dropped twenty points to 47%. The next day, two bright, pulsating and flashing UFOs were seen low in the eastern sky. Upon direct draw, the first dimmed after an initial stronger blinking, then remained dim. The second wobbled, then it too, dimmed markedly. Suddenly, a third came up in the east, as if from nowhere. Early on the morning of the 18th, a UFO was seen on the horizon and within two hours an Air Force aircraft was seen circling the area. More UFOs continued to be observed in direct relationship with the destruction of the relative humidity.

On the morning of November 29, Reich, looking at the eastern sky through a three-and-a-half inch refracting telescope, observed a fully articulated cigar-shaped craft. In his notes he writes that he first refused to accept the notions, but windows were clearly observed on the object and recorded in his drawings. The ship was observed, as cloud cover would allow, off and on between December 1 and December 17. Charts of its movements were kept.

By December 14, the atmosphere in the area of the base camp, and indeed, in Tucson itself was oppressive and deadening. Just prior to this Reich's associate, Dr. Silvert, had transported a small amount of radioactive material that had been exposed in an accumulator from Maine to the Tucson site. The material had to be towed on a cable one hundred feet behind a hired airplane, as its lead shielding was unable to contain its altered reaction. At about 4:30 PM, a huge black cloud formed over the Tucson area, gradually turning deep purple with a somewhat reddish glow. The background radiation count in the

area jumped to an alarming one hundred thousand counts per minute. The usual background count had been holding at six to eight hundred counts per minute. Twelve Air Force planes over flew the base camp and their contrails (made of water vapor) quickly dissolved. Twenty minutes after both cloud-busters began drawing, the skies cleared. At 5:30 PM, four B-56 bombers flew in low over the area. Reich felt that this "cloud" masked the presence of other UFOs. If so, this incident was indeed properly categorized as a battle. Interest in the newly arrived and highly aggravated radioactive material was a suspected cause of their appearance.

As these historic events were transpiring, the University of Arizona's weather modification study was ongoing and in process. Part of the study involved the time-lapse photography of jet planes contrails. As recorded, Reich had observed and reported their presence during various cloud-busting operations, and had observed the disintegration of their contrails during operations in Arizona. He even wondered: "Whether the Air Force had actually such problems in mind, I cannot tell."

Investigative author Jim Martin was able to locate color film from the fifties in the University of Arizona's Physics and atmospheric Science Building showing Air Force jets being used in weather modification experiments, as Reich himself had wondered about. These and other such findings led me to believe that our government had a very real interest in Dr. Reich's UFO observations and findings, as well as in his weather modification work - from the President on down. By way of one last example (or coincidence) we should take note that on November 22, 1955, President Eisenhower's proposal for the peaceful use of atomic energy was accepted by the United Nations. It was called "Atoms for Peace." Some months prior to this, Reich had sent Eisenhower a copy of his paper documenting the Oranur Experiment, and the operations and experiments that had sprung from it. The paper was entitled "Atoms for Peace." The literature generated about Reich's contempt trial is considerable and any treatment here must oversimplify its many complexities. While interested readers should try and locate a copy of Jerome Greenfield's book, *Wilhelm Reich versus the USA*, among other works on the subject, the basics are as follows. The Federal Drug Administration had begun accumulating information toward building a case against the scientist shortly after Mildred Brady's article appeared in 1947, but it had been slow going. None of Reich's past or current patients or any of those with the physicians he'd trained in medical orgone therapy had registered a complaint with the FDA, or any other authority for that matter.

Reich and his associates had broken no laws, but given that the FDA knew he was a quack and orgonomy a fraud, it stood to reason there was no need to put any of his alleged experiments to the test. Their responsibility was to bring this sex-obsessed medical menace to justice and they remained undeterred in their efforts. And so the FDA went to the federal court and brought a complaint against the interstate shipment of accumulators or any components thereof. Their break came in 1955 when one of Reich's physicians, Dr. Michael Silvert, did just that, and Reich, then involved in the Tucson cloud-busting operation, took legal responsibility for the injunction's violation. Silbert felt that allowing the matter to go to court would be the equivalent of admitting they were in the wrong. Reich, after due consideration, agreed and wrote to the judge explaining his decision noting that his argument might be rejected; they did, and the complaint became an injunction.

FDA agents began showing up on Reich's property, but he refused to allow them access to any of his apparatus, or written materials, and continued with his experiments. This resulted in a contempt of court citation; and while their original legal parry had been civil, it had now graduated to a criminal and a court date was set. Given the betrayal of his lawyers, Reich decided to represent himself, and against the advice of some of those closest to him, chose to make the trial a forum for the validity of his research and findings. Eloquent though he was, the judge would have none of it and he was convicted and sentenced to two years in Lewisburg Federal Penitentiary in Lewisburg, Pennsylvania. He was fifty-nine years old.

Once in prison Reich underwent psychiatric evaluation. Staff psychiatrists noted that he "gave no concrete evidence of being mentally incompetent," but diagnosed him as being a paranoid schizophrenic, this while admitting their finding was "not based on physical evaluation." Early release was denied and the Supreme Court chose not to comment on his final writ. He was found dead in his cell on November 3, 1957, just seven days before his scheduled release date.

Conclusions

Since his death, most accounts of Dr. Wilhelm Reich's life and work, be they supportive or otherwise, follow a similar logic: that the level of importance which he ascribed to his UFO observations (and his allegations that the communists were out to get him) were, in themselves, a means of "proving,"

or at least suggesting that he had gone quite mad during his last years. Such material is often presented in a manner suggesting that a good deal of "fairness," objectivity and patience were spent in "sorting all this out' for the reader. Some writers don't even bother. With no real interest in fair scientific inquiry or method, and no serious grounding in UFO studies, orgonomy, or the documented specifics of the conspiracy to destroy his reputation and discredit his work, Reich's detractors accuse and rant, exposing the madness they perceive. Often written in angry displays of public-spirited concern, they warn the good reader away, like police at the scene of an accident. Other accounts are simply inaccurate.

In *Contact With Space*, Dr. Wilhelm Reich's reflections on the possible implications of an extraterrestrial reality are often moving, profound and disturbing. He dares, as a scientist, to exercise a most precious right: the right to challenge an established and accepted belief, the right to think a thought, no matter how others might perceive it, recording that thought for publication and standing by it in the face of almost universal criticism. Read out of context - that is, without benefit of any serious study of his previous writings, methodology or discoveries – even the most intelligent and perceptive reader may find it preferable to dismiss his observations and conclusions as bearing witness to a great mind finally derailed, rather than even considering them seriously. The very act of claiming to have observed UFOs, and, over time, their behavior, interacting with them via the cloud-buster, ascribing to them intelligence and intention, keeping the Air Force, the Central Intelligence Agency, the National Bureau and the Office of the President appraised of his activities, and finally, the posthumous publishing of *Contact With Space*, proved intolerable to all by a few.

Even A. S. Neill, the distinguished British educator who was Reich's loyal friend and colleague of many years, seemed convinced these findings would only prove to be an embarrassment to orgonomy. But not at first: in March of 1955, Neill wrote to Reich as follows, "Thanks for the saucer book which came a few days ago. It sure made me sit up. So much Air Force testimony can't be ignored. Inclined to accept your opinion that they are benign (an opinion which changed markedly), the only problem I can imagine would be their arrival here to stop the inevitable atomic destruction of all life. Mutual fear won't stop war. Almost looks as if Freud was right in saying there is a death instinct when one sees the whole mass of people thinking of football and radio etc. at a time when the sinking of a U.S. aircraft carrier off Formosa or the enthusiasm of a U.S. pilot might set the light to the

gunpowder barrel. Hence I say: let the spacemen come; they might save us and if they came as destroyers they could not be more dangerous than man himself."

I should stress here that Reich had few friendships or professional relationships of such duration and depth; and it is not my intention to put a particular cast on Neill here. It is just that he articulated the prevailing attitude so well. In December 1957, a month after Reich's death, Neill wrote this to Ilse Ollendorff, Reich's former wife and co-worker: "The difficulty will not be to separate what's valuable from what isn't. The idea that the trial was orchestrated from Moscow is just bunkum, and we have no proof of flying saucers anyway. Why should Reich's great work be mixed up with either factor? That Reich later had some illusions I think right, but they don't so anything to lessen his work. We all have illusions and maybe the greater we are, the greater the illusions. But that Eva {Reich's daughter}, Moise (his son-in-law) and Steig (cartoonist and illustrator of Reich's book *Listen Little Man*, and a financial backer of the Arizona expedition) should go on having illusions is bad, bad for the future of Reich's acceptance as a scientist."

And there's the rub: "Bad for the future of Reich's acceptance as a scientist" - a consideration not taken lightly by Neill and others deeply concerned about the future of orgonomy. I can only wonder how Neill would have reacted had he been in the room when students and faculty members at his beloved Summerhill school described the UFO sightings they had had from the Summerhill property in Leiston, Suffolk on the occasions I was a speaker there. Author David Boadella sums the conundrum up: "Why did the orthodox scientists and psychologists condemn Reich? Why did they dismiss him as a paranoiac while Raknes (a Norwegian colleague) and Dr. Hoppe of Israel and lots of the sane American surgeons and physicians and I thought him to be the most important thinker of our time? I must face the question that was so often raised by his enemies - his sanity…Apparently he believed that flying saucers were from other worlds without due proof. Yet when the judge ordered him to be examined by a board of psychiatrists, they pronounced him sane."

They were not alone. The great Reich scholar, Professor Paul Matthews of New York University observed in his 1973 review of Boadella's book, *Wilhelm Reich: The Evolution of His Work*: "Reich's scientific integrity, creativity, and genius, even to the end of his life, need no defense or confirmation from me; nor does his sanity need defense in the opinion of those who were closest to him and in a position to gauge his mental status, character structure, and work capacity at that time."

But does all this really come down to a question of Wilhelm Reich's sanity? Medical researcher Ludwik Flek notes in his 1979 book, *The Genesis and Development of a Scientific Fact*: "What we are faced with here is not so much a simple passivity or mistrust of new ideas as an active approach which can be divided into several stages. A contradiction to the system appears unthinkable. What does not fit into the system remains unseen. Alternatively, if it is noticed, either it is kept secret, or discredited. Laborious efforts are made to explain an exception in terms that do not contradict the system. Despite the legitimate claims of contradictory views, one tends to see, describe, or even illustrate those circumstances which corroborate current views and thereby give them substance."

Thus the unacceptable - or the unacceptable theory - is excluded. The individual who persists in putting forth such a theory may ultimately be excluded and, in a number of historic incidences, declared to be out of touch with "reality" or insane. You may have the knowledge of a master scientist and still not be able to analyze or even see beyond the accepted theories of your own era. Reich's work demands that we do just this.

Do Dr. Reich's observations, deductions and conclusions concerning UFOs all conform to the best contemporary knowledge on the subject? Many of them do, and are virtually identical to those of countless other individuals. Can we say with certainty that his death was the result of a conspiracy or foul play tracing back to MJ-12, the FDA, the Communist Party, the "Hoodlums In Government" ("HIGS," as Reich termed them) employed by the FDA, or to that powerful segment of society who tend to mystify biology, then mechanically attempt to impose their own sex-negative morality on the rest of us? No. The fact is that at the time of his death Dr. Reich had high blood pressure, was overweight, and a chronic smoker. But based on what he represented to such diverse and powerful groups, would any (or all) of the aforementioned have desired his death and had the will and means to implement it? Oh yes: without a doubt. And with the official cause of death listed as a heart attack, the question of murder is likely to remain an open one. Regardless of whether he was murdered or died of natural causes, humanity lost a brilliant and courageous thinker in November 1957, and one whose UFO-related work remains an extremely significant area of study for any student of ufology. I hope this paper will encourage readers to seek out the truth of this matter for themselves, through reading and practical application. While the most recent of the events described here linger in the mists of history nearly fifty years past, they continue to remain

as shattering and relevant as if they had occurred last week. Knowledge is often its own reward and anyone who takes the time to understand Reich's work will only benefit from it. To ignore the profound truths it embodies affirms the actions of those who array themselves against all that is life affirmative, and again sets the stage for the worst aspects of history to repeat themselves. Remember: "Love, work and knowledge are the wellsprings of our Life. They should also govern it."

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About the author: Peter Robbins was introduced to the books of Wilhelm Reich as a teenager. In 1976 he met Dr. Elsworth F. Baker, Reich's first assistant for the last eleven years of his life. Soon after he became a patient of Dr. Baker and entered into almost seven years of medical orgone therapy with this distinguished practitioner.

Robbins went on to enroll in the classes New York University offered in scientific and social orgonomy with Reich scholars, Professors John Bell and Paul Matthews. They in turn invited him to become a member of the ongoing Seminar in Social and Scientific Orgonomy, patterned after the seminars which Sigmund Freud presided over during the nineteen twenties. Robbins spent much of the nineteen eighties involved with this group, presenting a variety of papers to his fellow members under Matthews' and Bell's guidance and leadership.

Peter was a volunteer fundraiser for the American College of Orgonomy's (ACO) Building Fund and had two papers on Wilhelm Reich and UFOs published in the Journal of Orgonomy. He was part of a select group of volunteers invited to witness a cloudbusting demonstration and presented on the subject of Reich and UFOs at the ACO's Princeton NJ facility. He has also been an invited lecturer at international conferences on the life and work of Reich in New York City, Ashland Oregon, Niece France, and Karavomilos Greece. His talks on Reich and UFOs have been well received at numerous UFO conferences, privately organized events around the country, and at select venues across Great Britain. His articles on the subject have been included in a variety of publications and websites both here and abroad, and his paper, "Politics, Religion and Human Nature: Practical Problems and Roadblocks on the Path Toward Official UFO Acknowledgement" is scheduled to be published in the upcoming issue of Annals of the Institute for Orgonomic Science.

note: because important websites are frequently "here today but gone tomorrow", the following was archived from http://www.rexresearch.com/reich/1core.htm on January 27, 2005.

Contact With Space

Wilhelm Reich

CORE (Cosmic Orgone Engineering)

OROP Desert

Part 1: Space Ships, DOR & Drought

(Publications of the Orgone Institute, Vol. VI, Nos. 1-4, July1954)

Contents

Introduction to OROP Desert

(1) Expansion & Contraction in the Atmospheric OR Energy ~ Behavior of smoke; Nature of fog; Dispersive qualities of OR energy; Distribution of rainfall; Where does the moisture come from? Clues to answer; the ring around the sun; Seasonal expansion & contraction of OR envelope.

(2) Space Ships & Desert Development ~ DOR & Melanor; Smog; Symptoms of DOR sickness; Quest for source of DOR & Melanor; Functional meaning of Melanor; Deterioration of forests; Scope of Cosmic Engineering; Clarification of the source of Melanor; Visitors from outer space; Space ships & DOR; Principle of Life on Earth challenged.

(3) DOR Removal & Desert Development ~ DOR Clouds; Stillness & bleakness; Disappearance of sparkle from the landscape; Human awareness of DOR; Geiger counter reactions to DOR; Use of OR potential; The lightning rod; Destroying & creating clouds; Lifting fog; The "spiral draw".

(4) OROP Desert Project ~ Change from earthly to cosmic perspective; Danger of desert to life; Mass functions have developed from primordial energy functions; Mountains impede OR streams; Deserts can be made green; Blueprints for the fructification of deserts.

(5) OROP Rangeley (August 1-2, 1952) ~ DOR-affected clouds; Dissipation of clouds & absence of thunder-storms over Organon; Dynamics of drought clouds; Breaking drought; Functions opposing drought.

(6) OROP Ellsworth (July 5-6, 1953) ~ Drought broken; Failure to draw from zenith; Protocol of drawing operation; Fog front rolls in from ocean; Gentle rain falls; Reports on OROP Ellsworth; Monitoring Oranur atmosphere; Plague activities.

(7) OROP Orgonon (July 23, 1953) ~ Development of a new drought; Dilemna resulting from drought; Failure of extended draws; Prolonged east to west OR flows; "Backwash"; heavy rain in New York; Tele-OROP; Destruction of thunderheads; Friendly activities on behalf of OROP Desert.

(8) OROP Children's Parade (August 8-9, 1953) ~ Request for rain-free day; Not promised -- experimentation only; Problem of how to keep sky clear; Drawing from west with one tube; Rain prevented from falling over Rangeley.

(9) OROP Boston (September 2, 1953) ~ CORE Operator a trustee only of natural functions; Attempt to relieve cities; Weather Bureau informed; Simultaneous three-Cloudbusters draw; Protocol of OROP Boston; Storm unpredicted hits Boston; relief from heat; Desert is inevitable result of the immobilization of OR energy; Contradictions in Weather Bureau forecasts; Foundations of Oranur Weather Control.

(10) OROP Galactic Stream, Hancock (October 22, 1953) ~ The Galactic OR Stream is real; DOR Removal near ocean; First report of a student operator; Nothing is unimportant in Cosmic Engineering; Drawing against Galactic Stream; Rain goes toward northeast while winds come form northeast; Chain reaction storms; Drought again broken; Caution and daring needed; Gradient of dryness toward Southwest; Need to regulate Cloudbuster operations; Space ships & space problems; Outlook.

Appendix ~ **(A)** Rules to follow in Cloud Engineering;
(B) Protocols of the first 97 DOR removal operations [Only one example included]
(C) Documentary record on information given regarding Oranur, DOR & Weather Control [Not included]

Introduction to OROP Desert

The story of OROP Desert is long and complicated. Let us begin with the word 'OROP'. This word was coined to designate all operations on the part of human beings regarding DESERT. "Desert" here includes drought, atmospheric conditions which lead to drought and desert, and the technical means -- based on the scientific understanding of Nature -- which could, possibly, do something beneficial about the prevention of drought and desert development.

"OR" is included because the scientific data underlying our technological data on desert development have been worked out in the realm, method, research, and technical development of thought, which differs from other systems of thinking in that it is neither mechanistic nor *mystical* but functional, energetic.

Thus, 'OROP' comes to designate engineering operations involving the COSMIC ENERGY FUNCTIONS.

This does not end the introduction of OROP Desert. The physical desert outside in Nature is a matter of millennia of cosmic events. Many places on our Planet were once flourishing green, fruit-bearing countrysides which nourished rich and happy human cultures and civilizations. Only 25,000 years ago, the Southwest of the USA -- so the archaeologists and geologists tell us -- was inhabited by men living on green lands. This is true (without going into detailed proof here) of the Nile Delta and the land where Jesus had walked the earth only 2,000 years ago (i.e., the whole region around Nazareth -- today subsumed under the name "Near East"). We are told by historians, too, that other regions such as the Mexican and South American plains and valleys -- today poor -- were once rich. This, I suppose, is also true of the Roman Empire, today reduced to a poor, plague-ravaged Italy.

What underlies the making of deserts?

It is obvious that deserts are not merely products of some unknown events in Nature. They are spreading more-and-more over vast regions of our Globe. The severe droughts which threaten to extinguish all human existence are truly functions of desert development. The following chart (taken from *US News & World Report)* depicts the spreading of this menace in the USA today.

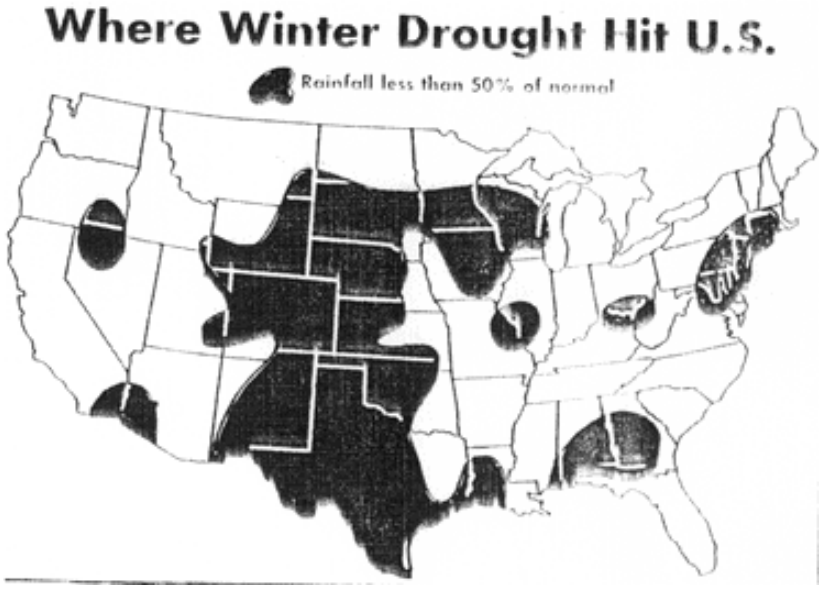


Figure 1: Winter Drought

The point to be stressed in the approach to the problem of desert development is this:

Deserts are based on natural functions which operate in the direction of dehydration of the atmosphere and soil (i.e., death). However, man would have conquered the desert and would have been capable of halting the development of desert had he himself not been subjected to a process in his emotional structure -- a process which we shall designate as "Emotional Desert".

Man himself is responsible for desert making and desert breaking. Man has the tools of knowledge and the tools of technology at is disposal today to combat desert development and even to turn existent deserts back into green, rich pastures for man and animal alike.

The first obstacle in the way of OROP Desert is not the outer desert but the inner, emotional desert of man.

This is a highly responsible statement, indeed. It will take sharp facts to prove it. Again: Man himself prevents now and has prevented over the ages the combat of deserts.

Desert-making outside in Nature corresponds to the making of emotional deserts in our infants before and after birth, over the ages, all through and far beyond the written history of mankind. Both the inner and outer desert are rooted in the process of shrinkage and dying of "vitality" (immobilization of biological energy).

We shall from now onward designate operations regarding the outer desert as 'OROP' Desert and regarding the inner desert as 'OREP' Desert. OREP means Operations Regarding the Emotional Plague (EP) of mankind.

We are by now quite familiar with what the term 'Emotional Plague' (briefly 'EP') means. We have experienced the deadly, desert-like quality of the EP in such human activities as two World Wars of Global proportions in one generation, with hundreds of millions killed-or-maimed and other millions rendered to the state of starvation and destitution under the yoke imposed by desert souls.

Let us not at this point go further in the exploration of the identities of outer and inner desert. It may suffice to have indicated the basic point. We shall encounter this identity -- once focused -- again and again in the concrete functions of OROP Desert.

The following report was compiled from records, 1952-1953, during the last months of 1953. Reports on operations in 1954 will be published in future issues of CORE.

Chapter 1
Expansion & Contraction in the Atmospheric OR Energy

In preparation for a more difficult task, let us now take a respite form the grave problems of basic natural research. Let us wander about in the field of Nature as if on vacation, just looking and enjoying things. Our compass in the new territory will be only a few well-known laws of orgonomic functioning. We shall observe the atmosphere in an unbiased way as if nothing at all were known about it. Then we shall meet with what the observant farmer knows about the weather.

(1) Smoke from Chimneys ~

In the open countryside, some from chimneys drifts either straight upwards or it lingers more-or-less parallel to the ground. Some farmers predict good weather when the smoke drifts straight upward and bad weather when the smoke drifts horizontally. Is there any objective truth in this rule?

Orgonomic observation and reasoning tell us the OR energy envelope expands and reaches far out into space in good weather. On the other hand, it withdraws and concentrates at the surface of the Globe before the onset of bad weather (rheumatic and cancerous patients react to this contraction with "pulling pains". The bio-energetic system responds to the surrounding OR energy ocean). The blue haze disappears from the mountains; the mountains appear to be closer. This withdrawal of OR energy from certain places and its concentration in other regions needs weakens the expansive force in the atmospheric OR energy which is directed against the pull of gravity. The smoke from chimneys will not be able to lift straight into the atmosphere against the pull of gravity. On the other hand, with even and strong expansion of OR energy, the expansive force which counteracts gravity is powerful enough to make the smoke drift straight upwards. We shall encounter this behavior in a different context, in aviation.

(2) Fog ~

The behavior of smoke from chimneys falls in line with the behavior of fog on early Autumn mornings. On warm Summer days, there is rarely any fog in the valleys between mountains except in higher and colder regions. In Autumn, on the other hand, fog develops easily in low-lying valleys. As the Sun rises, the fog disperses. In certain valleys, the fog drifts horizontally first before it rises and disperses.

What could be the reason for this behavior -- different in Summer and Autumn or in colder and higher -- as against in warmer and lower regions?

Here again, we must think of the dispersive, expansive qualities of OR energy. In Summer (in warmer and in lower regions) the expansive, anti-gravity action of the atmospheric OR energy is stronger than in colder or higher regions and in Autumn. There is less power available to carry the water vapor and to disperse it high up than is available on warm days in lower regions. The water vapor will not be able to disperse or to rise. The result will be what is called "fog".

When the Sun mounts over the horizon, it exerts more-and-more excitation upon the weakened OR energy. The dispersive, expansive power of the latter increases. It is now better able to disperse and carry the water vapors: the fog lifts and disperses. Clouds -- if any -- slowly disappear.

(3) Arid & Rainy Regions ~

We have now learned about the relationship of atmospheric OR energy and small particles of smoke and water vapor. Thus better equipped, our observations -- as we wander through the open countryside -- become more acute. We see more and we understand better what we see -- things which remained unobserved or misunderstood as the "Oh, that's nothing, just this or that" variety become transparent to our eyes. Let us go one step further: …

It is well known that the air over hot deserts remains dry and that it never or only rarely rains there. It is also known that during some summers in some regions where there is much water in rivers, in lakes and in the ground, it does not rain for months on-end with resulting fire danger to villages and forests.

On the other hand, there are regions where it rains nearly continuously where the air is moist and heavy down to the earth. And it happens that it rains for weeks on-end.

Where does all the moisture in the latter case come from? Is it evaporation of moisture alone?

This explanation is obviously insufficient. For why does it not rain for weeks on-end in regions where water is plentiful and the Sun beats down hotly, drying up every wet cloth in a few minutes in a very dry air? There must be some reason for this.

Again we can use what we have learned about the expansive, dispersive force in OR energy. Where there is much moisture but little rain, the atmospheric OR energy is strong and powerful as for instance in the Mediterranean regions close to the ever-present billions of tons of water. The water vapor is continually being dispersed, the distribution is more-or-less even, no major concentrations of OR energy, and therefore no condensation of water vapor can occur. The expansive, dissipating function in OR prevails.

In other regions such as in mountainous terrain where there are great differences in the concentration of atmospheric OR energy due to differences in high and low shadowy valleys and warm mountain slopes, there is much rain even if there is little water to evaporate. The concentrating, contracting force in OR prevails and creates differences of potential in the atmospheric energy and water vapor distribution. However, we shall find later on a specific condition in the desert atmosphere which promotes a fast evaporation rate and restrains OR concentrations, thus enhancing cloud dissipation.

(4) The Ring around the Sun & Moon before "bad" Weather ~

Often before the onset of bad weather, a ring of varying diameter appears around the Moon and the Sun. Farmers and people living in the mountains pay great attention to these phenomena. What does the ring mean?

Let us draw a sketch that will depict two ring formations under different OR energy conditions:

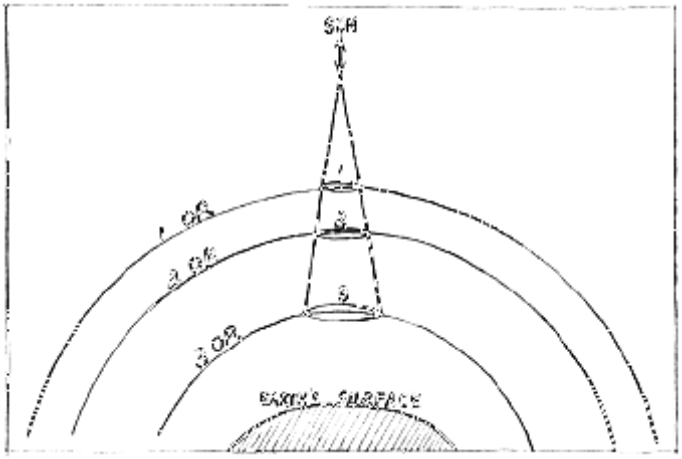


Figure 2: Three States of Expansion in the OR Envelope ~
(1) Ring around sun with expanded OR envelope is smallest
(2) Ring around sun with slightly expanded, pre-rain OR envelope
(3) Ring around sun with greatly contracted OR envelope

In **(1)**, the OR envelope of the Earth is largely expanded. The rays of Sun or Moon hit and penetrate the OR envelope higher up than in **(2)** and **(3)**. In **(2)** and **(3)**, the OR energy has contracted, its outer layers are closer toward the Earth's surface. The diameter f the ring now depends only on the degree of contraction of the OR envelope. The diameter if the ring is in direct relation to the contraction of the OR envelope.

Strongly concentrated OR energy transmits the excitation which is commonly called "light" in a different manner than thinner OR energy. The ring will constitute a larger-or-smaller circle depending on the state of expansion-or-contraction of the OR envelope. It is delineated by the difference in the transmission of light in the "thinner" and in the "thicker OR energy layer.

The atmospheric OR energy contracts before rain, attracting, condensing, and suspending water vapor in the atmosphere, coming down later as rain. The more concentrated the OR energy, the broader is the "thinner" outer region, the larger is the ring and vice versa. No ring develops when the OR energy envelope is evenly distributed into high regions of the atmosphere.

(5) OR expansion in spring & contraction in Autumn ~

The total expansion and contraction of the atmospheric OR energy envelope in certain regions is best expressed in the functions of nature which we observe in Spring and Autumn. Most of the phenomena we encounter on our wandering through the countryside during these 2 periods fall into a comprehensive setting of we see them in the light of a contracting and expanding OR energy envelope of the Earth. The trigger for the expansion or contraction may or may not be the rays of the Sun as it rises or falls with the ecliptic. But the connection between weather functions and the expansion and contraction of the OR envelope cannot be doubted for the following reasons:

The increasing cold in Autumn results from a less active, contracted OR energy envelope. On the other hand, the mounting heat is the result of a more active, expanding OR energy envelope in Spring. Gases behave just the same way with respect to "heat" (i.e., expanded, highly active OR energy). Water, as we know, immobilizes completely when freezing and evaporates into highly active and mobile vapor above 100°C.

"Heat" is accordingly related to an expansive, and "cold" to a contractive OR energy.

To judge from the color of the leaves, the appearance of the trees in Spring and in Autumn, and the fine shimmering around the trees in Spring, there is a more active, expanded OR energy in the trees in Spring and less in Autumn. The OR energy envelope does not only engulf the surface of the Globe. It goes right through the Earth crust into the depth as well as into the highest atmosphere and beyond. There it merges with the cosmic OR energy flow which is beyond the gravitational field of the Planet.

The OR energy contracts and expands as a total energy system. As it does so, it enriches or impoverishes the world of plants and animals (hibernation, loss of weight, etc.) while it oscillates and functions through the living beings.

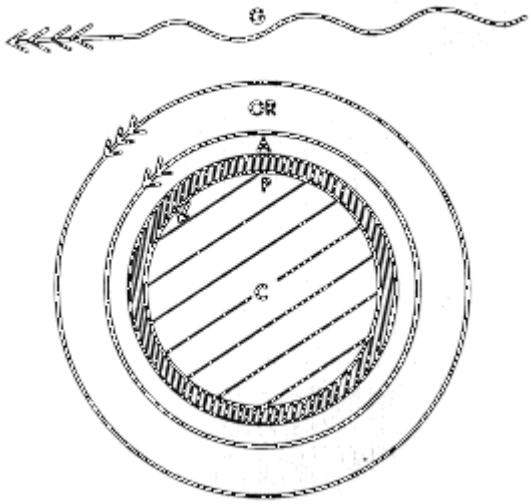


Figure 2a
G = Galactic OR stream;
OR = OR energy envelope; A = Atmosphere;
P = Periphery; C = Core

In early Spring shortly before its full onset, we see a deepening -- sometimes a reddening -- color of the trees; a brightening of the green in evergreens; passing away of the dull and somewhat sorrowful appearance of the branches; and an erection, expansion, and an increasing juiciness in everything including man in his youth and middle age.

It is this streaming of energy -- and not mechanical viscosity -- which causes the fluid to rise in plants against gravity.

The increasing strength of the urge for mating (in man and animal alike) is obviously due to the same rich flow of OR energy through the living beings. The sap rises richer and faster through the fluid channels in the trees which can be plainly seen in the greater moisture on cutting off the bark. Yellow plus blue results in green. Resin is yellow. It slowly changes at the tips of the branches into green while mixing with the blue of the OR energy from ground and atmosphere. The appearance of the first leaf buds in itself is a clear-cut expression of the expanding force of the OR energy. So is all growth of living matter. It is OR energy pushing against rigid membranous matter which is elastic enough in young living beings to yield to the expansion. Extensive growth, green in trees, and budding are the results. The power of this force can easily be observed in the same manner in which a grass blade or flower-seed shoot pushes through heavy pebbles in their way.

In Autumn, the opposite happens. The OR energy of the planet contracts as a whole back toward the core of the Globe, and thus is thinning out also in the living beings. Accordingly, the leaves dry up, become yellow through loss of the blue from the green, and finally loose their hold at the stem. Through loss of cohesive energy, they fall off. The "juiciness" disappears and a sad dry, Wintery appearance comes about. The water in the air does the same thing. It changes into snow which is dry, crystallized water vapor containing OR energy (cf. "Orene").

Too many riddles remain unsolved as we wander about. But -- so we hope -- a trail has been broken into this realm of the unknown. We shall from now onward coordinate functionally.

Contracted OR	**Expanded OR**
Tendency toward:	**Tendency toward:**
Matter	Energy
Immobilization	Mobility
"cold", freezing	"heat" expansion
autumn, winter	spring, summer
strong potential differences	even distribution of OR energy

Chapter 2
Spaceships & Desert Developments

(1) DOR & Melanor ~

My account of "The Blackening Rocks" (OEB V/1,2, 1953) presented the growing worse of the **DOR** emergency at Orgonon. DOR clouds (OEB IV/4, 1952) had begun to pass over and to hover above Orgonon during the last days of March, 1952. The atmosphere reacted in a strange manner with CPM increased from a normal 30-40 to 300-800. There could be little doubt that crucial developments were in progress. The DOR clouds had appeared -- for the second year -- about the time of the vernal equinox. This in itself pointed to cosmic events. For 3 years (1951 to 1953), the growing worse of DOR repeated itself. The coincidence of a severe DOR reaction in the atmosphere with the vernal equinox deserves special attention in the coming years. The reactions used to become milder sometime during October after the Autumnal Equinox.

In Spring 1952, the situation at Orgonon became bad indeed to the point of complete collapse of the activities and living conditions. It will be necessary to survey (in a different context) the emotional and physical reactions of the workers at Orgonon during this collapse.

The Observatory was evacuated in April 1952. It did not return to any orderly activity before November 1952 when we succeeded in removing from the atmosphere some of the black matter called **Melanor** (M?), which had settled and continued to settle upon everything (rock walls, apparatus, skin surfaces) doing all kinds of damage.

I would like to ask the reader to be patient with the following enumeration of functional processes which emerged one -by-one from the DOR emergency at Orgonon. The functions were these:

(1) Studies devoted to Melanor activity both in the inanimate and the living realm regarding their connections with atmospheric functions.

(2) Strenuous efforts to cope with the emergency caused by the atmospheric conditions. Grave distress was abundant everywhere -- not only at Orgonon. We had identical reports from New York, Philadelphia, the West Coast, and in 1953 even from Tel-Aviv. DR seemed to have spread nearly over half the Globe. The efforts to eliminate the emergency resulted in one line of developments in the invention of a machine -- later termed the "**Cloudbuster**" (meaning: "busting" up the atmospheric DOR clouds, the source of the distress to living beings) (see "DOPR Removal & Cloud-busting", OEB IV/4, 1952, reprinted here; see Chapter 10).

(3) Attempts to overcome what came to be called "DOR Sickness". This sickness -- which is characterized by a well circumscribed group of symptoms -- had already been studied during 1951 in the course of the first run of the Oranur Experiment. Many new features of the DOR sickness were found during the period covered by this account.

(4) All functions which constituted the DOR emergency had clear-cut relations to the DOR clouds. And these, in turn, slowly revealed features which pointed toward the origin of drought. And drought, in turn, involved development of deserts. By way of a particular hookup, the 'Cloudbuster' -- which was originally designed to remove evil DOR clouds -- led to techniques in handling the atmospheric OR energy in such a manner that …

(5) … Rain could be produced or stopped at will during 1952. In the course of the Winter months of 1952/1953, also fog could be lifted and sunshine could be brought about at will. There were several unequivocal successes:

(a) The breaking of the drought in New England on August 1 and 2, 1952 at Orgonon;

(b) The breaking of the drought at Ellsworth, ME on July 6, 1953 and through 'Cloudbuster' operations (OROP) both at Orgonon and Hancock, Maine on October 23, 1953.

It was also possible to keep predicted rain away for Rangeley on "Children's Parade" day, August 9, 1953 for one whole day while it was raining all around Rangeley.

The result in all these cases was clearly attributable to OR operations (OROP). They contradicted often the corresponding official weather predictions. These operations were subsumed under one single aspect "OROP Desert". Their importance for a possible fructification of desert land was obvious from the beginning in 1952. My plan to start OROP Desert was communicated to the U.S. Government and the Governor of the State of Maine during the Summer of 1952. The severe drought which harassed the USA in 1953 was predicted in a letter to responsible organizations of the State of Maine in the Spring 1953. At present, we are preparing for a far more severe drought which is to be expected to hit the World again during 1954. Altogether 8 experimental 'Cloudbusters' will be available for OROP Desert in 1954, with each unit capable of covering an area of about 150-250 miles. One operator was sent to Arizona in March 1954 to experiment with the 'Cloudbuster' in a desert area.

(6) Finally in addition to all this, reminding us in all seriousness that we are definitely dealing with a force that governs the Universe. That we are, furthermore, dealing with a true CFP of Nature at large with functions of the basic law (N ? 1), the following developed since July 1953:

It was clear from the very beginning of the DOR emergency that we were dealing with a functional process which somehow converted cosmic energy directly into a matte-like substance (E → M) and also the opposite way (M → E). These functions were assumed to be operating below the realm of mechanical, electrical, and chemical functions as pre-atomic, sub-chemical, primordial (E ? M) functions of the Universe. Therefore in July 1953, a new branch of chemistry was inaugurated at Orgonon. Its objective was to clear up the pre-atomic chemistry and biochemistry involved in Oranur. The result of this work was the discovery of a white, substance-like (but pre-chemical) matter which was termed "Orene" (O?). It contained no less than the principle of growth per se in the form of a white (yellow in acid) powdery substance.

First, let us proceed with points (1) and (3), Melanor (M?), and the DOR sickness.

The reader of Oranur may remember that M? had struck for the first time forcefully at the end of March 1952 when no Oranur experimentation was going on at Orgonon. But already in January 1951 at the very start of Oranur, a major problem was the falling ill of most workers at Orgonon. As the months and years passed by, many millions of people all through the USA and the World fell ill from DOR sickness. The basic and typical symptoms of DOR sickness -- commonly referred to as "Virus X" or "Intestinal Flu" -- will be enumerated later. DOR sickness has nothing to do with any virus. It is a clear-cut, well-circumscribed disease due to pre-atomic "DOR clouds".

These black clouds were passing at irregular intervals over various parts of the World for various lengths of time, from a few minutes to several days. What is being called "smog" over big cities is a

mixture of fog, soot, etc. This fog becomes stagnant and does not dissolve when DOR clouds are present in the atmosphere. It appears not only over big cities but also in the open countryside which is free of any industrial smoke. So-called "smog" has, therefore, little to do with smoke. However, industrial regions full of soot may well enhance the hovering of ODR clouds over big cities. This makes the situation worse than it would be without the presence of smoke particles in the air. The Orgone Institute organized and received reports from many parts of the USA about DOR sickness -- the bulk of the reports coming from New York.

Typical symptoms of DOR sickness are:

General fatigue and emotional distress. In some cases, the fatigue is interrupted or even replaced by emotional outbursts of hatred. Nausea frequently follows in the wake of prolonged fatigue. Pressure in head, chest, arms, and legs are common. Respiration is difficult and sensations of lack of oxygen frequently accompany the distress. Thirst (hunger for much water) is grave under conditions which promote a DOR atmosphere such as presence of fluorescent lights, neon signs in a restaurant, clocks and watches with luminous dials, and X-ray machines in a hospital filled with filing cabinets which act as accumulators of atmospheric energy.

Hot flashes alternate with a blackness of appearance. Faces appear bluish-to-purple. People seem to be choking, as it were. They complain about *"something wrong in the air"* or *"something queer going on"*.

Heart failures with subsequent death are frequent, especially when prolonged fog or drizzling rain with low-lying clouds prevent the supply of fresh oxygen and OR energy from the atmosphere.

Diarrhea is one of the most distressing symptoms in prolonged DOR emergency. The stools become black due to Melanor which is being eliminated through the intestinal tract. In advanced cases, they also become soft-to-watery and contain much mucus. Symptoms of dysentery may develop further up to amoebae in the stools. This has nothing whatever to do with "infection". The protozoa develop from low-charged epithelia (see the Cancer Biopathy, 1948).

When the atmosphere clears again (either spontaneously or by means of DOR removal), the symptoms likewise abate. But they never fully disappear as long as there are ODR clouds passing over the region or -- as in big cities -- are hovering over buildings for weeks on end. The discoloration of the atmosphere may go as far as a dirty brown in the smog or fog.

The stools of DOR-sick people may at times become white or gray from lack of bile. But the blackish soft and watery stool is the more typical symptom.

Nausea may develop into frequent vomiting.

Tachycardia is not an infrequent symptom in some cases.

Typical is also a shivering or fibrillar quivering of muscle groups in various parts of the body. Such fibrillations may harass the heart.

Typical of DOR sickness is an emotional dullness -- a letdown in stamina which at times takes the form of stupor in some cases. It goes hand-in-hand with a dull gaze in the eyes, with an expression of despair of the face not necessarily known to the victim of the disease. At times, a metal ceiling in a room full of people may induce a complete standstill of emotional functioning.

During 1952 and 1953, there were more prison riots in the USA than ever before in a similar stretch of time. This is now understandable as a revolt of organisms against the torture of living in metal cages with DOR clouds present.

In addition to these typical symptoms, persons may develop various atypical symptoms from their individual constitution in response to DOR. Those suffering from a slight liver disturbance may develop severe hepatic syndromes.

Loss of body heat down to a temperature of 96^{o}F or less has been observed in several cases.

Swelling of glands (parotis, submaxillaris), edema of tongue, uvula, and glottis were frequent occurrences.

Total flacid paralysis of legs was seen several times in one case.

Sever thirst (ue to dehydration of blood and tissues) and oxygen hunger (due to reduction of oxygen in the air through DOR) are the most distressing syndromes.

It was found that the following remedies at least alleviate the distress.

Frequent warm, soaking baths eliminate Melanor from the skin.

Continuous ventilation of living and sleeping quarters.

Drinking water or tea in abundance.

Orgastic discharge of bio-energy is essential.

DOR removal over the effected region with the 'Cloudbuster' at irregular intervals (according to the DOR situation) helps to keep DOR clouds moving on, and reduces at least the distress otherwise caused by accumulated and stagnant staleness of the atmosphere.

(2) Quest for source of DOR & Melanor (1951-1952) ~

Upon realization of the nature and widespread distribution of DOR sickness, it became clear that the Oranur Experiment had not caused the atmospheric conditions which were responsible for the DOR emergency. The experiment had only reproduced and revealed -- as if under a high-power microscope -- what had been going on over ages on a lesser scale. It had, furthermore, accentuated effects of various atomic functions. They were right who said that atomic energy work did not cause DOR clouds. ORANUR adds atomic energy operations only constitute one potent irritating factor that excites the atmospheric OR energy into ORANUR and DOR. But this is far from being the complete picture.

The problem of what was causing the grave distress at Orgonon and in other parts of the U.S. remained unsolved until the Keyhoe report on the so-called "**Flying Saucers**" appeared in Autumn 1953, released under the auspices of the U.S. Air Force.

The following problems had beset Organon from the very beginning of the DOR emergency in January 1951, starting with the first powerful run of the Oranur Experiment.

(1) Had the Oranur Experiment caused the highly-excited OR energy field around Orgonon within about 2 miles? Had it caused within a radius of several hundred miles a similar excitation of a lesser strength? (The sharp OR energy field had extended in 1953 about 50-80 miles.)

Answer: The Oranur Experiment has only accentuated an already existing function -- the irritation exerted upon the atmospheric OR energy by nuclear material. It succeeded in disclosing its basic characteristics and processes (see the Oranur Experiment -- First Report, 1951)

(2) Why did DOR seem to come toward the Orgone Energy Observatory from the West or Southwest and hover over it for hours on end?

Answer 1953: It was the continued concentration of OR energy at Orgonon which attracted and held the DOR clouds overhead.

(3) Why did the clouds adhere to the west to east direction in such a consistent manner?

Answer 1951: This was so because the prevalent W-to-E direction of the movement of the OR energy stream in the equatorial belt of the Globe's envelope (see Cosmic Superimposition, 1951).

(4) Why did people suffer most in bad weather (in rain or Wintery fog) while they recuperated with the return of good, dry and sunny weather?

Answer 1951: This appeared fully explained by the fact that the atmospheric OR energy sinks to a lower potential in bad weather since OR energy is concentrated in the water vapor.

(5) What could possibly be the significance of the blackening of rocks at the Observatory and in the region around it?

Answer 1952: "Melanor" (M_e) coming from "somewhere" (from a source and place unknown) is the opposite of the whitish powdery matter called "Orite" (Or), into which the rocks disintegrated on the surface. Thus, in our Orgonotic language,

$$M_e \cdot/\cdot \text{Or}$$

The functional meaning of this antithesis was not cleared up before November 1953 when Orene was discovered. It was coming down from the atmosphere.

(6) Why in 1953 did the DOR cloud emergency strike again for the 3rd time in 3 years at the end of March at the vernal equinox?

Answer 1952: This fact seemed to indicate a cosmic lawfulness. Possibly, this lawful growing worse of the DOR emergency had something to do with the crossing of the Equator by the Sun as it travels on the Ecliptic toward the Tropic of Cancer. Only a global synoptic survey of DOR could provide a reliable answer to this question. However, knowing the date on which the emergency grows worse would not answer the basic question as to the source of the DOR clouds.

(7) Why did the rocks at Orgonon disintegrate and change into a brownish-black, crumbling mass akin to clay in 1952 and on Mt. Cadillac, Bar Harbor, Maine one year later in 1953?

Answer 1952: The highly-excited DOR energy field which had developed at Orgonon, 1951 had reached sufficient power to make rock disintegrate a few months later at Orgonon. It had spread to Bar Harbor in 1953. It most likely is the agent of rock disintegration in deserts.

(8) What function was responsible for the getting brown of the rocks after they had become black with Melanor?

Answer 1952: The rocks reacted to the attack by Melanor with bionous disintegration in the silicate (oxides) of granite and with development of a white powder, microscopically consisting of bions or energy vesicles: A mixture of White and Black plus Yellow Orene should give various shades of Brown. This explanation was later confirmed by chemical analysis of Oranur-affected matter, Melanor, Orene, and so-called "Brownite" (Br). This again agreed well with the earlier assumption that Melanor and Orene were functional opposites.

(9) Which of the 3 substances was most responsible for the severe distress suffered by all persons and animals involved in Oranur?

Answer 1952: Doubtless by Melanor, the black powdery substance that came in from the West as blackish DOR clouds, hovered over the Orgone Observatory, and made working and living there impossible for years.

Figure 3: Melanor on Rock Surfaces

(10) How could the cosmic origin of Melanor be verified to the satisfaction of the most demanding scrutiny?

Answer Summer 1953 (entirely unexpected): During the Full Moon in July 1953 and during the Full Moon periods of the following months, it was established -- by way of unaided vision and with strong binoculars -- that first the crests of the mountains in the central parts of the Moon were blackening in a progressive manner. A band of blackened peaks was clearly discernible, and later also parts of the valleys which extended from the western to the eastern rim along the equatorial plane. This observation -- made independently by two skilled observers -- put the fact of the cosmic origin of Melanor beyond any doubt. The question as to the 'Why' and 'How' naturally remained as yet unanswered.

(11) What was the functional meaning or essence of a cosmic Melanor which obviously was attracted by the earthly, concentrated OR energy at the Observatory?

Answer (incomplete at the end of 1953): Melanor is cosmic orgone energy from outer space which is lacking Oxygen and Water -- the 2 most essential constituents of life in the realm of its biochemistry. Melanor as cosmic life energy shows the qualities of hunger for both oxygen and water. These essentials to life could only obtain by attacking rock oxides and

"reducing" them chemically. In other words, extracting the oxygen from the oxide compounds. Melanor could, furthermore, obtain oxygen by using up the available oxygen in closed rooms. This explains fully 2 basic symptoms of DOR sickness: cyanosis (i.e., lack of oxygen) and the continuous need to keep the windows open even at 30 degrees below zero (as was the case at Orgonon and in Rangeley).

Water could be obtained by Melanor only through dehydration -- i.e., drying out of the soil of the earth surface, clouds (drought), the atmosphere itself, organisms, plant life, etc.*

*(*Note, May 9, 1954: During the past 2 weeks, the deterioration of trees in the vicinity of (not at) Orgonon has grown apace and has reached terrifying proportions. Maples, birches, and poplars several inches in diameter are bent like rubber hoses. The wood is brittle and the trees imply fall apart. Many millions of such trees are being cut apart by saws to save the lumber from decay. The formerly dense forests of Maine have thinned considerably. Huge trees are leaning over roads due to decay (which is bionous disintegration) of the roots and trunks.*

Some people are aware of these developments. But they are silent out of their habitual reserve and their fear to get into trouble with plague-inspired law procedures. Others -- well the majority -- are emotionally too restricted to be much aware of what is going on or to care much if they are aware.)

Here in one neat bundle, we have several characteristics of the distress suffered by men, animals, and plants in the USA and also abroad. The dry atmosphere which so badly tended to become droughty; the severe thirst which everyone suffered from during the DOR emergency; the feeling of being dried out, the feelings of shriveling up (let us finally take the sensations of the organism seriously, even if we rely on objective evidence): the dehydration was due to Cosmic Melanor. Briefly, Melanor disclosed the riddle of desert development.

The reader of these last few pages must have felt fright if not terror. This fright mirrors only insufficiently what we have gone through during the DOR emergency at Orgonon and what people (according to detailed reports) suffered in the big cities such as New York, London, etc. The situation was not made better by the fact that routine science and medicine seemed unaware of these colossal happenings, even during the worst periods of the emergency.

Countless questions arise anew as we survey the territory of these events. We are prepared to meet many more questions of a truly **cosmic** nature. Many a formerly doubtful reader of Orgonotic literature will now appreciate our term "Cosmic Engineering" (or in brief "CORE") operations in my attempts to cope with the DOR emergency. He will also better understand now why I put so much emphasis in the beginning on the basic newness and vastness of these events. We have definitely -- due to these events -- left the realm of well-known facts, theories, techniques, methods of thinking, etc.. And how it came about that I personally -- and later successively worker after worker at Orgonon, citizen-after-citizen in Rangeley, then people in New York and on the West Coast felt-- more-and-more penetratingly that (as they usually expressed themselves) "something had gone wrong with the air and the weather". We have -- quite unawares --been ripped from our past accustomed lives and were transposed into vast reaches of the Universe, as it were.

In the face of such events never before experienced in such concentration over a short period of time, many formerly important matters began ever more to appear nonsensical if not ridiculous. To explain such phenomena away as "reflection of light on windshields" is the height of evasiveness.

(3) Clarification on the Source of Melanor ~

What is to follow now will shock the reader. Its realization has shocked the workers at Orgonon. Not only did we find ourselves quite suddenly flying in cosmic spaces as it were), we also realized how restricted scientific thinking (with a few rare exceptions) had been all through the times past. A few of our workers behaved as if they had dreamed all their lives of flying through space in jet planes. They found themselves one day awake and really flying in space at an incredible speed. Thereupon, some of these dreamers -- realizing that to get out of the jet plane like shaking off the dream would not be possible -- began threatening the pilot to land immediately or else. Some of the best ones simply ran away (in one case as far away as Hawaii). Severe emotional reactions (to be discussed later) such as plain hatred toward the research work. And physical disease harassed our community. The emergency in Autumn 1953 (already 2 years old) found its theoretical -- and to a great extent also its practical -- solution during the month of November 1953 in the following manner:

2 books -- both about so-called **Flying Saucers** -- reached Orgonon in November 1953. The first was Flying Saucers Have Landed by Leslie and Adamski and the other was Flying Saucers From Outer Space by Major Donald Keyhoe. The first differed greatly from the second report in style and approach. But the factual observations were to a great extent the same. To me, they brought surprise only as to the great number of saucer sightings and as to the evasive manner in which this tremendous subject had been handled by some mechanistic scientists.

I was not surprised at the reality of visitors from outer space since I have never believed in the theories which for no factual or logical reasons attempted to restrict Life to the tiny, insignificant planet called "Earth". I had taken the many rumors about flying saucers as a matter-of-fact.

One day at Noon in August 195, on the terrace of my home, I had heard -- but not seen -- an object crossing the sky from horizon-to-horizon in a few seconds with a speed unknown on Earth. I knew it was a spaceship. There was no undue surprise connected with this observation; it was not even written down in the Log book. Several people had reported seeing "flying saucers" near Orgonon during 1952. However, the fact of visitors from outer space did not connect yet with the DOR emergency at Orgonon. Not until the 2 books mentioned above revealed detailed information which filled many gaps in our understanding of the happenings at Orgonon during the severe emergency. These reports quite unknowingly left little doubt as to the type of energy used in these spaceships. All functions mentioned so far pointed to well-known functions of the cosmic, primordial energy.

Let us now for our own use change the accidental name "Flying Saucers" into the more appropriate one **"Space Ships" of CORE men**. "CORE" here is to indicate the fact that these beings from outer space were using the techniques of Cosmic Engineering (CORE). We shall now proceed to enumerate the reasons why it seems certain that the CORE men operate with Cosmic Energy.

(1) Cosmic Energy is objectively (on colored film) and subjectively Blue: The reports on the space ships were unanimous in reporting that the machines of the CORE men showed bluish lights shining through the openings. Also the field around the machines (tough at times changing color with the speed) was bluish-greenish. The reported changes of color to white and red belongs, too, into the realm of orgonotic phenomena. However, this fact cannot be discussed at this point intelligently without elaboration of many new as-yet-unpublished facts about light in relation to OR energy functions of strong concentration. And that the white of sun and daylight, too, corresponds to certain high energy states of OR energy.

(2) The comparatively silent movements of the CORE machines: Unless transmitted by or transformed into certain mechanical or electrical functions, OR functions usually operate

silently. Such as in the living organism where tremendous energies are at work with each movement, and yet no noise whatever is being heard. By way of certain arrangements, however, it is possible to obtain sound from these silent movements such as putting the membrane of a stethoscope upon the eyeball with closed eyelid or touching the grid wire of a Geiger counter (high voltage off) with the finger.

(3) The CORE men operate their machines with the help of Orgonotic field effects of the OR energy in space and in the envelope of our Planet. Since the OR energy field of the OR envelope of the Earth's globe also governs the functions of its gravitation, it is no wonder that the CORE men are able to maneuver their spaceships in the manner described in the 2 above-mentioned reports. During the Oranur Experiment, observations have been secured at Orgonon which make it certain that Oranur changes gravitational field functions in direction and intensity. No more can be said about this point of Cosmic engineering.

(4) The severe DOR effects began at Orgonon during the vernal equinox for 3 years. Leslie starts his report with the 30th of March 1952; my own report on the "Blackening Rocks" (OEB V/1,2, 1952). This is no mere coincidence. The month of April, 1952 was reported in the Oranur report just mentioned as the period when the nauseating DOR clouds were observed for the first time in the Rangeley region. April 1952 is -- according to Leslie's report -- also the month with the most frequent sightings of CORE spaceships. The nauseating DOR clouds must have some connection with the spaceships.

FIGURE 3a. SIGHTINGS OF SPACE SHIPS DURING MONTH OF APRIL, 1952
(Data from Leslie and Keyhoe).

Figure 3a: Sighting of Space Ships during Month of April, 1952

FIGURE 3aa SPACE SHIP SIGHTINGS FROM MARCH 5 THROUGH JULY 14, 1954 (Data compiled from various radio and newspaper accounts).

Figure 3aa: Space Ship Sightings from March 5 through July 14, 1954 (Data compiled from various radio & newspaper accounts)

Figure 3b: Tracks of all Tornadoes , 1916-1950 (US Weather Bureau)

(5) The CORE space ships are probably using the OR energy streams of the Universe as their "thoroughfares", as it were. This is not certain by all means. They may well travel also in other fields of cosmic energy just as automobiles could use meadows to ride on when hard surface roads are also available. The suggestion mentioned above is warranted by the following facts:

(a) The role of the true path of the Sun (crossing the celestial equator) evidently also played a part in the reoccurrence of the sharpening of the DOR emergency during the vernal equinox. This assumption requires ample investigation and clarification.

(b) The spaceships most likely use the so-called "Galactic OR Energy Stream". According to theoretical deductions (see Cosmic Superimposition, 1951), it runs at an angle of 62 degrees north of the equatorial plane. It cannot be a mere coincidence that most sightings

point to a SW-to-NE direction of the movement of the ships, although many other directions occur too. This assumption appeared important enough to be mentioned. It is supported by the frequency of tornadoes that developed in Texas near the Mexican Gulf, and its coincidence with nearly exactly 62 degrees North-Northeast movement of hurricanes and tornadoes in North America (See Figure 3b; also diagram page 32 in "the Blackening Rocks", OEB V/1,2, 1953). In February-March 1954, this region was harassed by climatic catastrophes such as sandstorms, dustbowl development, etc.

(6) The question necessarily imposed itself upon a heap of other problems already at hand at Orgonon, what may have induced the CORE men to inspect so frequently the Earth globe during the last 2-or-3 years (any attempt to answer this question thoroughly would necessarily have to take into account all "sightings" recorded in as yet undisclosed filed of the U.S. Government). Oranur seemed to provide the most satisfying answer to this question which, of course, requires still much elaboration:

The Cosmic OR Energy fills the Universe. To judge from what we already know about its characteristics, it becomes irritated and runs amok if excited by nuclear energy action. This had been disclosed by the Oranur Experiment in 1951 beyond any doubt whatsoever. From this fact follows the logical conclusion that **the highly-sensitive OR energy ocean in the Universe had been greatly <u>irritated</u> by the atomic energy explosions** which took place at an accelerated rate during the past 3-to-4 years. Since the CORE people apparently use Cosmic Energy in propelling their spaceships, they may have decided to investigate the source and the nature of this new menace to their existence. The unmistakable blackening of the rocks on the Moon indicated the extent of this irritation even if only "in a nutshell", as it were.

From this cause would derive an answer to our question about the frequent visits by living beings from outer space. The fact that **their spaceships were sighted for the most part (though not exclusively) over-or-near atomic energy plants** seems to fit well with this assumption. To know, really, we would have to meet them and ask them "point-blank".

Thus, the Oranur effects of the atomic energy blasts -- reaching far out into cosmic space -- have brought down the CORE me, who are in full possession of the use of Cosmic OR Energy. So far, to judge from the available reports, these CORE men came peacefully -- investigating only. Let us hope that we can meet their peacefulness with peacefulness of our own.

(7) There can no longer be any doubt as to the source of the substance called Melanor. It disclosed heretofore entirely unknown characteristics. Melanor stems from the CORE men and their spaceships. However, there are several questions which must be answered in due time if the menace which the DOR clouds as well as Melanor present for the human race, is to be met. Any definite questions themselves should be formulated now. They may direct us toward the true, valid answer in due time.

These questions are:

(A) Are the DOR clouds which so typically come in from the West and Southwest, in other words, on the main galactic "highways" exhaust fumes or similar offal of cosmic OR energy used by the CORE men in their travels through space?

(B) Are the DOR clouds only the carriers of Melanor which these core men may deliberately pour into our atmosphere?

(C) If the DOR clouds are results of deliberate action on the part of the people from space …

(a) Are these intentions benign? Do they want to help us? This possibility cannot be and should not be excluded, since Oranur and DOR have disclosed most fantastic curative qualities (in spite of the DOR sickness) or maybe just because of the DOR sickness. It represents a kind of immunization which the people on Earth are bound to go through.

(b) Or are these DOR clouds designed to change our green Planet into a wasteland of desert similar to the Moon's surface? The severe droughts of late -- which coincide with the DOR as well as CORE men problem -- may well be results of such deliberate action. In this case, let us not fool ourselves: the war between Earth and an invading enemy from space -- using weapons strange to us -- is already on and must be met right away.

It is not rational to assume that wars are always fought only the way we know them with their preceding diplomatic quibbling, followed by war with or without declaration of war with noisy bang-bang of all kinds of shooting machinery resulting in crumbling buildings and sudden destruction of all cities on Earth as visualized in the instructive U.S. film on *Flying Saucers* (1953).

We must permit ourselves to think of war as a silent, unnoticed, slow-working but deliberate destruction of life on a planet, a satellite, or even a star. We must be ready to change every single view of life we have held sacred if it contradicts new facts and new experiences.

War may be going on right now with no one being aware of it -- with men dying, with trees bending like rubber hoses, green pastures turning into dust bowls, and with academic and civil institutions explaining it all away as with "just this" or "just that". In short, it may turn out correct what one would otherwise feel inclined to ascribe to a schizophrenic mind -- namely that instead of shooting at the victims of war with bullets, one could very well <u>sap</u> <u>life</u> <u>energy</u> out of the war victims with machines which operate according to the Orgonotic potential of the Cosmic Energy.

(8) The CORE men doubtlessly know not only the physical properties of the Cosmic Primordial Energy. They also know what has been assumed in Orgonomy for more than 2 decades as the quality of Life contained in this energy. This connection has been fully revealed and is already being worked out in this laboratory as what came to be called "Orene". This is a substance which (as said before) stems from Melanor and is Life Energy in matter-like form.

Conclusions deriving from such vastly different realms as atmosphere, cosmic DOR clouds, spaceships, etc. begin to fall into place and to make sense. Knowing the qualities of the Cosmic Life Energy, using this energy for physical propulsion, and having developed very great skill in its use point to the possibility that these living beings are not armored. This is not only supported by direct evidence but also by its counterpoint, as it were. Namely the fact that armored Man on Earth has, so far, done everything in his power -- and has even used his knowledge -- to talk away, think away, kill away, legislate away all potentialities of getting at this very same cosmic force for one single reason only: Not to be perturbed in his affairs conducted according to the armor.

We are facing an emergency -- facing it not only as the species mankind but also the principle of Life itself on Earth is challenged. We can no longer permit ourselves to be as petty as to continue our Little Men's quibbling over nothing as if nothing at all has happened. We are in a process of deep and crucial change of our total existence, biological, physical, emotional, and cosmic. Let us, therefore, start behaving in accordance with these facts.

The gist of the peril is this:

If we here on Earth are undergoing a threat to our existence by way of Desert Development, it is imperative to concentrate on the measures to betaken -- if any are available -- to meet the menace intelligently.

Chapter 3
DOR Removal, Cloud-Busting, & Fog-Lifting

(I) The "DOR-Clouds" ~

It has become possible to apply the principle of the Orgonotic potential to the dissolution and formation of clouds. This technical application of the Orgonotic potential was forced upon this institution during the emergency which shook Orgonon from about March 21, 1952 till the present date, May 1954. It was a matter of survival in this region to find a way to remove the "DOR-clouds" as we came to call the nauseating concentrations of DOR over Orgonon.

Let me first explain what these DOR-clouds are, how they look, what they do, and what can be done about them. DOR-clouds were observed and comprehended for the first time during the early days of May 1952. The main characteristics of these DOR-clouds (as they appear at various intervals over Orgonon, coming in mostly from the West) are the following:

(1) "Stillness & "Bleakness" ~

A "stillness" and "bleakness" spread over the landscape, rather well delineated against unaffected surrounding regions. The stillness is expressed in a real cessation of life expressions in the atmosphere. The birds stop singing, the frogs stop croaking. There is no sound of life anywhere. The birds fly low or hide in the trees. Animals crawl over the ground with greatly reduced motility. The leaves of the trees and the needles of the evergreens look very "sad". They droop, lose turgor and erectility. Every bit of sparkle or luster disappears from the lakes and the air. The trees look black as though dying. The impression is actually that of blackness -- or better, bleakness. It is not something that "came into the landscape". It is, rather, the "sparkle of Life" that went out of the landscape.

(2) Vanishing of Luster & Sparkle ~

The vanishing of luster and sparkle from the sunny landscape had been independently confirmed by several observers who have grown up in farms. Trees, rocks, telegraph poles, mountainsides, and houses appear "black" although it is not really blackness. It is, rather, like the absence of light. To the Orgonotic observer, it appears to be the result of thinning or a failing of the OR energy substratum that usually luminates into brilliant daylight with sparkle and luster.

The absence of OR lumination was shown on color film in 1953. It should be carefully noticed that DOR-clouds appear while the sun keeps on shining. The green color of trees and meadows disappears from the mountain ranges. Everything seems to go black or 'dull". One cannot help but feel this to be Death ("Black Death", as some call it). This bleak blackness hovers especially over landscapes without any vegetation and over swampy regions. Swamps have a peculiar bearing on DOR effects. Swamps are basically accumulations of stagnant water which enhance decay process and are the opposite of fresh running brook or river water which counteracts decay. They are distinguished by the absence or presence, respectively, of Orgonotic metabolism. Everything still remains to be carefully investigated in this realm. We are only breaking trail for a first over-all orientation.

The lack of luster can be understood in terms of some reduction of Orgonotic pulsation and metabolism in plants and animals. This seems to be confirmed by the fact that at the lake surfaces Orgonotic pulsation also ceases; the water becomes calm and motionless.

A DOR-cloud is usually surrounded by normal atmospheric OR activity such as blueness of the mountain ranges, sparkling of the sunny atmosphere, and greenness of the trees. One cannot help but feel that natural cosmic OR energy retracts from the "evil", "bleak", "black", "lifeless" DOR-cloud and lets it pass. Observations made at night show luminous OR surrounding and fighting the lusterless DOR-clouds. In daytime, the mountains appear black while losing the normal blue-gray Orgone energy color. The emotional impression here again is "sadness". The color of the mountain ranges s somehow "dirty" or blackish with a purple tint. After the passing of the DOR-cloud, the intense blue-gray "haze" returns. We learned to realize exactly when normal OR activity replaced again the nauseating DOR blackness.

(3) Bio-energetic Distress in Human Beings ~

People react to the DOR-clouds with rather grave distress. Many do not know or cannot explain what happens to them. They call it "heat" or "some atom dust" or just "bad air". Some are biologically insensitive to a degree which puzzles to Orgonomist. There are others who know the deadly quality of these clouds. Not intellectually, but rather with their First, Orgonotic Sense. *"There is something wrong with the air"*, one hears them say. Or *"Something is going on somewhere"* - a statement expressing awareness together with suspicion. *"I cannot get any air"* or *"It hits me like a brick when I enter my shop in the morning"*, etc. In some cases, one must persist in asking the same question over-and-over until the answer creeps to the surface from a frightened or bewildered mind. *"Yes, if you want to know, I feel it sometimes like something closing in on my face like a wall. But I cannot really feel it, you know. And then I get that bad headache of mine ..."* or *"My sinuses are going bad..."*, etc.

If they are not completely dead emotionally (i.e., far below the normal bio-energetic level of functioning) , people are usually aware of the "changes in the weather", in vegetation, and in the "general feel" of things. In the early Spring already in the middle of April, 1952, the buds are coming out in the Rangeley region. People did not quite dare to admit such an astonishing fact since buds are not expected there before the end of May. Remarks in the beginning of June about the peculiar "black" clouds that were coming from the West and for some peculiar reason remained "stuck", as it were, over Orgonon were frequent. Also, the lushness of the vegetation was duly acknowledged and generally appreciated.

(4) Geiger Counter Reactions ~

The reactions of the Geiger counter to the DOR-clouds deserves special attention. At this point, only a few basic phenomena should be mentioned:

During the passage of DOR-clouds over a certain range, the GM counter will act in peculiar, extraordinary ways. When these reactions were seen for the first time during the early Spring of 1951, they were dismissed as "only" or "nothing but" failure of the batteries. Since then, we learned to respect these "failures" and to read their meaning to a sufficient degree to form reliable opinions about the atmospheric OR conditions before, during, and after the passage of DOR-clouds. It is advisable to distinguish the "disorders" of the GM counter as follows:

(a) "Jamming": the portable GM counter (SU-5, Tracerlab) will "race" to the limit of 100,000 cpm or 20 mr/hr.

(b) "Failing" or "Fading": The counts will drop again rapidly until they will sink beneath the normal background count of 30-40 cpm. The needle will remain at 5 or 10 cpm ,or it will point to '0' with the range 100 cpm turned on. This will happen in an extremely highly-charged atmosphere.

(c) "Jamming" as well as "Fading" may occur each by itself in a very high OR atmosphere. Sometimes the fading is preceded by jamming. One also sees rather frequently the GM set in with the normal background reaction of 30 to 50 cpm. And then after a minute-or-two, start racing toward the higher (or even the highest possible counts) which would cause alarm in any atomic plant. The details of these functions are as yet unknown. But it would appear reasonable to assume that Fading, Jamming, and Racing are all variants of one and the same basic disorder: Overcharge of the GM counter tube. To repeat: The pointer will not move at all. Failing, or it may fail after an initial normal count. Fading, it may rush to abnormally high values. Racing, instantly or after a brief period of normal reaction. It may race to the highest possible count and beyond, and then get stuck there with-or-without subsequent fading (i.e., Jamming).

These distinctions are naturally subject to corrections and to further detailed descriptions.

(d) The "Erratic" GM Counter: During the passage of DOR-clouds, one can furthermore observe a type of behavior on the portable GM as if -- psychologically speaking -- the GM counter had become "nervous" and could not "make up its mind" (as it were) whether to race, to fade, or to jam. In such cases, one sees the needle start in with the normal 30-40 cpm. Ten it races say to 500 cpm … drops thereafter slowly in the fading manner to 100 and further to 70 … only to start racing again to 10,000 or even 30,000 cpm. Eventually this is followed by still higher "erratic" oscillations back-and-forth between 10,000 and 100,000. It may end in jamming or complete fading.

These few distinctions in the disorderly behavior of the GM portable counter may suffice. I t should be noticed, however, that GM counters which are enclosed in plastic materials will most likely only fade or fail. This is so (to judge from only one single observation with a new plastic-covered GM counter) because plastic material absorbs OR avidly without reflecting the OR energy. This observation requires further elaboration and confirmation.

In the beginning during March and April, 1952, we were under the impression that the DOR-clouds coming in from the West originated from atomic blasts in the western United States. However, it was later ascertained that there were no atomic detonations in March 1952. Thus, the origin of the DOR-clouds remains a mystery to this date. The onset of the disaster at Orgonon soon after the tornado struck in the West (March 21, 1952) centered our attention on the possibility that we were dealing with some very obscure cosmic events.

The DOR emergency at Orgonon worsened quickly during April. Emotional and physical distress became unbearable. It was now a matter of survival to remove the black DOR accumulations that hovered ever more frequently over Orgonon. An inconspicuous, long-neglected observation came to the rescue:

Far back in 1940 when the atmospheric OR energy had been seen for the first time at Mooslookmeguntic Lake in the Rangeley region through long metal pipes, casual pointing of the pipes

at the surface of the lake seemed to affect the movement of the waves. This appeared quite incredible at that early period of OR research. The matter was abandoned and soon forgotten. However, the incredible effect of metal pipes upon energy motion such as waves seemed to have lingered on in my mind ever all these dozen years. When the suffering from DOR became unbearable at Orgonon late in April, a few metal pipes -- 9-to-12 feet long and 1-1/2 inches in diameter -- were directed at a black DOR concentration overhead and connected through BX cables to a deep well.

The effect was instantaneous. The black DOR-clouds began to shrink. And when the pipes were pointed against the OR energy flow (i.e., toward the West), a breeze West-to-East would set in after a few minutes "Draw" (as we came to call this operation). Fresh, blue-gray OR energy moved in where the nauseating DOR-clouds had been s short while before. Soon we learned that rain clouds too could be influenced, increased, and diminishes as well as moved by operating these pipes in certain well-defined ways.

From the first hesitating attempts to end the emergency at Orgonon, more systematic experiments in the creation and destruction of clouds -- as well as rain-making and stopping of rain -- began to develop successfully over several months until the first 2 CORE "Cloudbuster" units were finally constructed at Portland, Maine in September-October 1952 for more complete CORE operations.

In the following pages, only the basic principles of "Cloud-busting" will be presented. A detailed presentation of the technical aspects will follow in the broader context of Cosmic Orgone Engineering (CORE).

(II) The Principles of "Cloud-Busting"

(1) "Cloudbusting" ~

The term "Cloudbusting" as used in this paper shall denote all engineering techniques which deal with the destruction as well as the formation of clouds of water vapor in the atmosphere and of Orgone energy accumulations of all kinds including gravity. Briefly, with all phenomena which are related to or derive from atmospheric changes of climate including weather, humidity, amount of rainfall per unit of time, storms, hurricanes, DOR-clouds, Oranur functions in the atmosphere, atmospheric OR energy changes of all kinds, the origin of deserts as well as of areas of green vegetation, and all similar functions which depend on the presence or absence, on the scarcity or plentifulness of OR energy, oxygen, water vapor, rain, sun and wind and their interaction.

(2) Technological Use of the "Orgonomic Potential" ~

The "Orgonomic Potential" denotes all functions in Nature which depend on the flow of cosmic energy (or potential) from Low-to-High or from Weaker -to-Stronger systems. Thus the Orgonomic Potential is the basis of and functions contrary to the mechanical potential, heat, electromagnetic energy, mechanical potential of position, etc. The Orgonomic Potential is most clearly expressed in the maintenance in most animals on this planet of a temperature higher than that of the environment and in the function of gravitational attraction. In both cases, the stronger energy system draws energy from or attracts a weaker system nearby. In both cases the potential is directed from low-to-high or from weak-to-strong. Gravitation obviously functions on this basis.

The technique of cloud-busting is to a very large extent (if not wholly) based on the technological use of the Orgonomic Potential as it governs the OR energy functions of the atmosphere.

The technological use of the Orgonomic Potential can be divided basically into 2 major groups:

(A) Increase of the OR potential: In this case, we concentrate OR energy and build up a steeper or stronger OR potential. This will have entirely different effects than …

(B) Decrease of the OR potential: In this case, we disperse or dissipate OR energy. We lower the potential difference and create a tendency toward more or les equal distribution of the OR energy in the atmospheric OR energy envelope of the Planet. We act in the direction of the mechanical potential.

Rain clouds, thunder clouds, hurricanes, and tornadoes are -- seen from the viewpoint of Orgonomy -- different expression of basically one and the same function -- i.e., combinations of concentrated OR energy streams and water vapors. Many conditions depend on the intensity, direction, location, and similar conditions related to the combination of water and OR energy. Most of these conditions still await detailed study and logical comprehension.

However, the 2 basic principles of cloudbusting -- increase and decrease of the OR potential -- suffice at the moment to make their technological use comprehensible.

If we wish to create clouds or to increase the power of existing clouds, we must use the OR potential in such a manner that the potential between clouds and their immediate environment increases.

In order to execute these 2 basic principles in a satisfactory manner, we must logically construct and use a device which is capable of adding OR energy to the atmospheric OR energy envelope. Or we must construct a device which will draw energy from the OR envelope in such a manner that the affected region loses certain amounts of energy to other regions, thus changing the atmospheric energy conditions.

Since at present, adding energy to the atmosphere is not yet possible, we must use the other principle -- that of drawing energy from the atmosphere.

(3) Drawing Off Atmospheric OR Energy

In order to draw off atmospheric OR energy, we must accomplish 2 tasks: (a) we must use a device which draws OR energy; and (b) we must know into what place to draw this energy.

This is basically accomplished by changing the principle of the functioning of the **lightning rod**:

The lightning rod, too, functions according to OR energy principles since "lightning" is atmospheric OR energy discharge in a very narrow space. The pointed rod -- reaching into the atmosphere -- attracts the lightning discharge and conducts it through heavy wires into the ground. This lightning rod system functions according to Orgonomic and not according to electrical principles. In the lightning rod system, the atmospheric charge is drawn from the atmosphere toward the point of the rod and further toward the Earth's crust. It is, thus, the

Orgonomic Potential from weak to strong which is operative also in the case of the lightning rod. If the electrical potential from high-to-low were operative in the lightning rod system, the direction of flow would necessarily be the reverse -- from the Earth's crust toward the atmosphere. The energy would stream off and away from the point of the lightning rod.*

[*Transcriber's Note (RN@Rex Research): That statement needs to be revised. More recent research into lightning has shown that lightning usually rises from the Earth first in a streamer. And the major, visible strike follows that path or creates another in making its way to Earth. I have captured this phenomenon on video from a few yards distance and was extremely lucky not to have been struck.]

Cloudbusting operates in agreement with the functioning of the lightning rod only if we put both functions -- cloudbusting and lightning rod -- on the common functional basis of the OR potential.

Cloudbusting deviates from the lightning rod principle in 4 ways: (1) Its purpose is not to draw and to ground bolts of lightning but to draw OR energy charges out of atmosphere and clouds. In doing so, it deals with the same kind of force as in the lightning with one important difference. The cloud-buster draws the charges slowly in small amounts at a time (dispersed, as it were) in time as well as in concentration, and not in the form of sudden lightning. It does so by way (2) of long, hollow pipes and not of solid steel rods.

The pipes -- any number of them, and any length beyond a minimum of about 4 meters or 12 feet used in our first cloud-busting experiments -- have the function (3) of triggering the atmospheric OR energy flow into certain directions. The function of the pipes is fulfilled with this triggering of directional flow. Once the OR energy flow is directed at will, it continues to flow in the same direction until another natural or artificial stimulus changes it again. The lightning rod, on the other hand, is not intended to direct OR energy flow. It only functions as a conductor toward the ground in case concentrated OR energy discharge -- i.e., lightning happens to come its way.

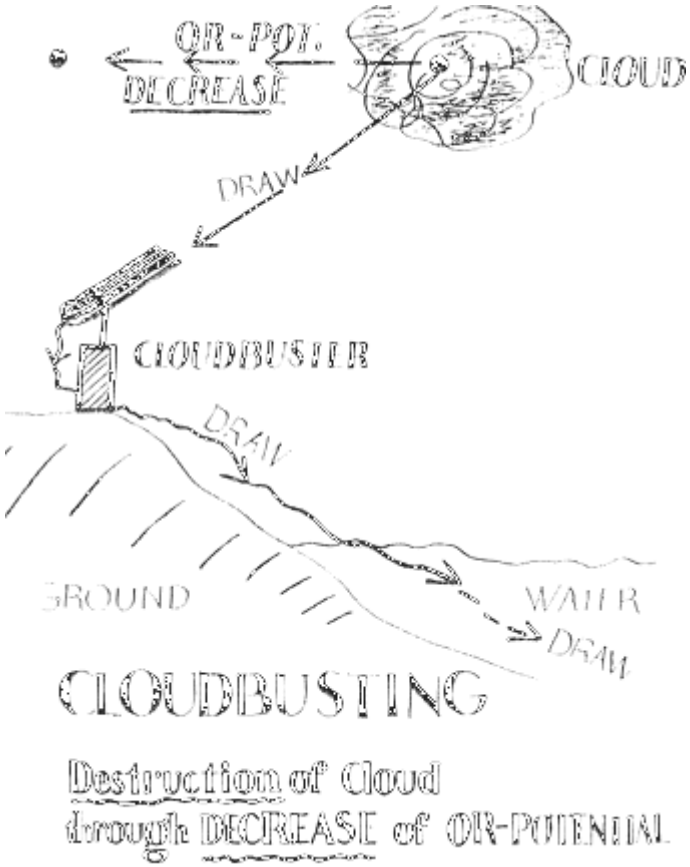


Figure 4: Cloudbusting (Destruction of Clouds through Decrease of OR Potential)

(4) The OR charges are drawn not into the ground but into water (preferably into flowing water of brooks, flowing lakes, and rivers). We draw into water since the attraction is greater between water and OR energy than between other elements and OR energy. Water not only attracts OR speedily but it also holds it, as especially in clouds. We thus have the above picture of the process of cloudbusting.

This sketch depicts the principle of cloud destruction only. It does not suffice to enable the technician to destroy all existent types of clouds. This remains a task of future experimentation in cosmic engineering to be solved in many ways in various regions of the Globe with various models of cloud-busters (various as to number, length and width of pipes, direction of draw, size of clouds, maturity of our experience, etc.). The principle, however, may be described as basically complete.

One dissipates clouds of water vapor by withdrawing (according to the orgonomic potential) atmospheric (cosmic) OR energy from the center of the cloud. This weakens the cohesive power of the cloud. There will be less energy to carry the water vapors and the clouds necessarily must dissipate. The Orgonomic Potential between cloud and its environment is lowered.

(4) The Creation of Clouds ~

The principle used in the creation of clouds is the same as that in the destruction of clouds: the Orgonomic Potential from low-to-high. However, while in the destruction of clouds we draw off energy from the cloud vapor, we draw energy from the close vicinity of the cloud if we wish to enlarge existent clouds and to proceed toward rainmaking. The following chart depicts the process.

The technological experiment bears out the theoretical assumption that clouds dissipate when the cloud-buster pipes are aimed at the center. And they grow when we aim at the close vicinity in the cloud-free sky.

One may create clouds in the cloud-free sky in a certain manner by disturbing the evenness in the in the distribution of the atmospheric OR energy. Thus clouds appear upon drawing energy form the air. The more clouds that are present and the heavier the clouds, the easier it is to induce growth of clouds and finally rain. The fewer clouds, the more difficult it s and the longer it takes until the clouds give up their water. Practically, a rather sharp distinction exists between rainmaking in a cloudy as against a cloud-free sky.

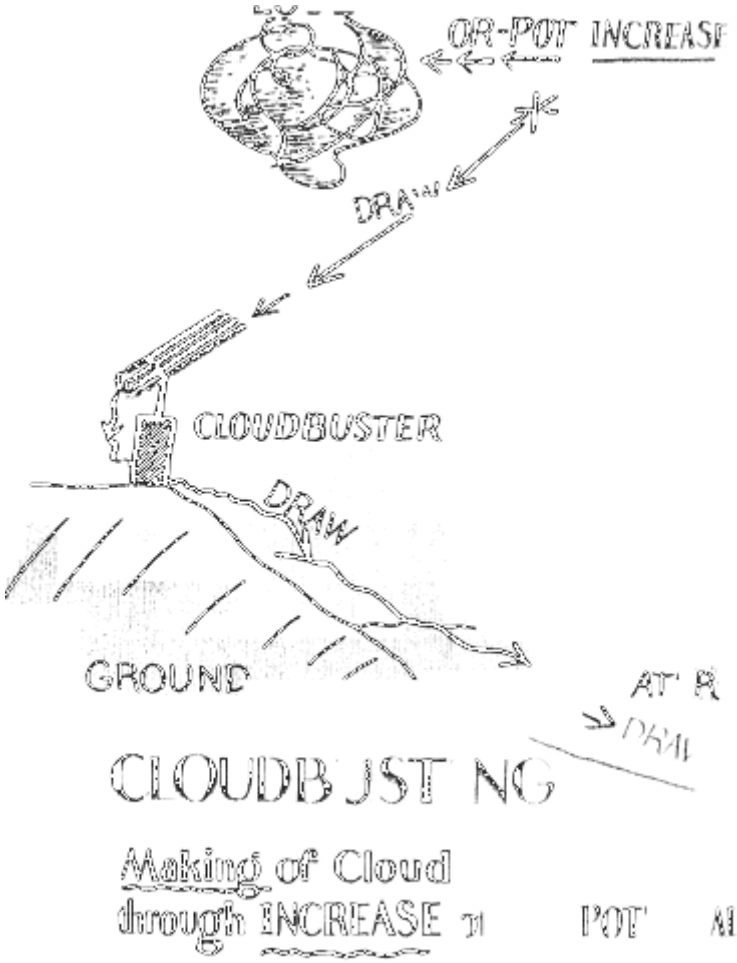


Figure 5: Cloudbusting (Making of Clouds through Increase of OR Potential)

No matter what the variations, the principle remains the same as described. Drawing from an existent cloud destroys the cloud. Drawing from its vicinity makes it grow.

It is necessary to stop at this point. Strong reaction to cloudbusting in Rangeley, Maine have been observed in distant regions (Boston). Such influence on far-away regions is due to the continuity of the OR envelope. The details will require extensive and careful study. We have always been cautious not to overdo while cloudbusting since small twisters and rapid changes of wind have been observed beyond any reasonable doubt. Also on one occasion, heavy and prolonged rain occurred upon faulty operation.

Cloudbusting as a task of Cosmic OR Engineering will by far transcend the facilities and potentialities of any single institution and even state or country. Cloudbusting is truly an international affair with no regard for national borders. There are neither passport controls nor customs officers in the sky where the weather is being made. This is good and as it should be in Cosmic OR Engineering (CORE).

(III) Fog-Lifting

When it had been safely secured that the Orgonomic Potential was satisfactorily operating in removing the nauseating DOPR clouds over Orgonon and in breaking as well as making of rain clouds, a new problem of CORE presented itself.

It was late in Summer 1952. The Autumn and Winter with fogs and snowstorms were just ahead of us. Would it be possible to lift dense fog to the extent of letting the Sun shine over a certain region? In the present communication, we shall only deal with the Lifting of Fog. The experiments with fog-lifting were conducted from October to December 1952 at Orgonon, Maine and are being continued.

The following photograph presents the First Cloudbuster built by the Southwest Machine Company in Portland, Maine in 1952. Earlier, a much more primitive device was constructed and operated at Orgonon.

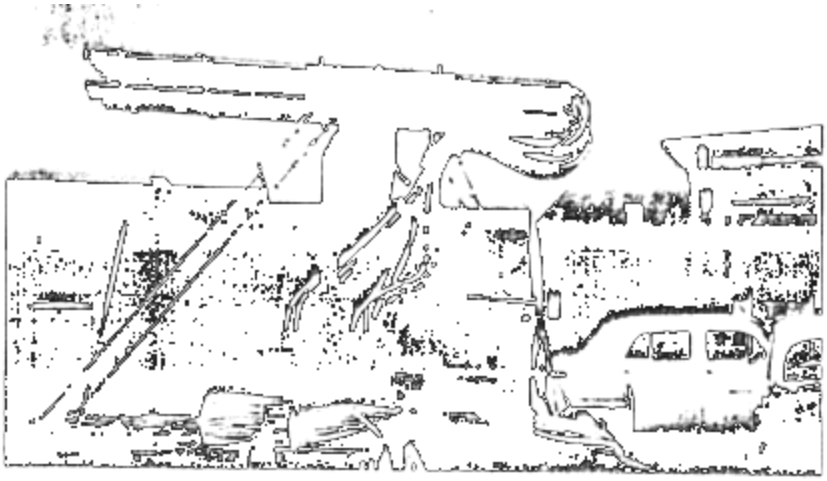


FIGURE 5a. THE CLOUDBUSTER MOUNTED ON TRUCK WITH TELESCOPED DRAW PIPES.

FIGURE 5b. THE CLOUDBUSTER MOUNTED ON A PLATFORM WITH DRAW PIPES EXTENDED.

Figure 5a: The Cloudbuster mounted on truck with telescoped draw pipes
Figure 5b: The Cloudbuster mounted on a platform with draw pipes extended

The "Spiral Draw" in Fog-Lifting ~

The task of fog-lifting is accomplished by way of the so-called "Spiral Draw". In order to understand its functioning, one should return to the basic principles on which cloud-busting rests as a total operation. To repeat:

The OR energy envelope of the planet Earth moves (under normal conditions) from the West toward the East in accordance with the direction of the daily rotation of the Globe faster than the surface of the Earth. Accordingly, any operation which is intended to bring in fresh OR energy supply from the West (such as is the case in DR removal) will use the West-to-East direction of the movement of the OR energy envelop as the principle of its operation: In order to bring in fresh OR energy, one must draw from the West -- i.e., pointing the front ends of the pipes toward the West low above the horizon. It naturally depends upon the climate and weather conditions as to how long one must draw to achieve the result of moving the pertinent part of the OR envelope faster from West-to-East. In the region of Orgonon, 5-15 minutes will suffice to remove a DOR cloud toward the East by drawing fresh OR energy from the West. Once the surrounding hills and valleys become blue-gray again, the task is

accomplished. A too long prolonged draw will certainly cause severe rain from the West,and strong winds up to storm strength.

In the making and breaking of clouds, we use the principle of the "Orgonomic Potential" from low-to-high.

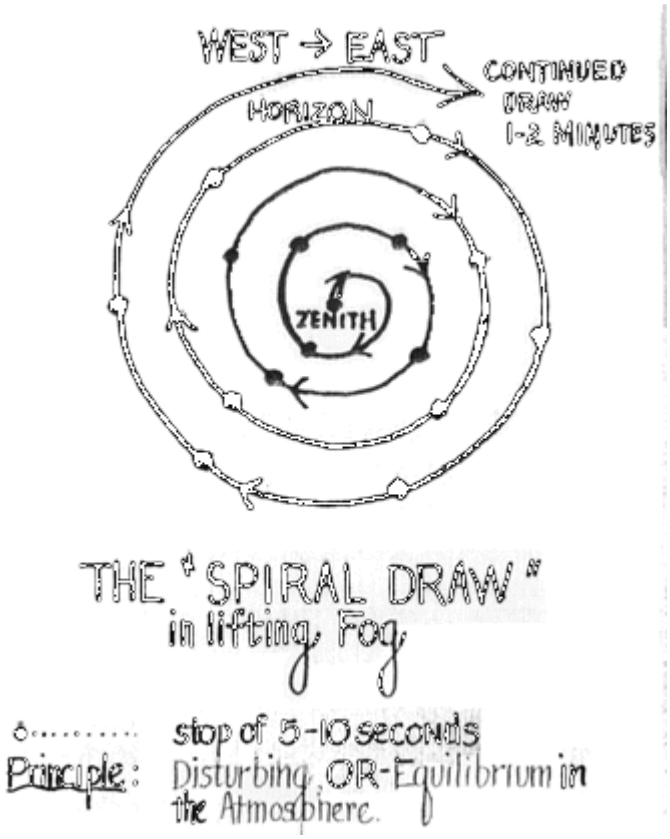


Figure 6: Spiral Draw ~

Fog-lifting requires a combination of (and a slight change in) both these principles. Fog-lifting would lead to rain instead if we were drawing in one or another direction only. If fog covers large areas, it is doubtful that drawing from the west alone would accomplish anything. The technological procedure is this.

Dense fog over large areas is usually evenly distributed. In working with foggy conditions, one has the impression (an impression only) that it is exactly the evenness and uniformity of the fog bank which constitutes its cohesion and tenacity in resisting lifting. There are no potential differences; it is a static physical state. This assumption is borne out by the operation:

To break up fog or even drizzling rain, one must disturb the evenness of the distribution (in other words, the absence of potential differences). One must create such potential differences. This is accomplished by the so-called "Spiral, Intermittent Draw". One "drills holes" (as it were) into the foggy bank by very brief draws (only a few seconds each) at various points of the sky. Experiences so far teach that the so-called spiral draw operates best in the following manner.

(1) Drill a hole into the zenith above you for 15-45 seconds.

(2) Spiral very slowly toward the horizon in an intermittent motion (i.e., with brief stops 2-5 seconds each) as you spiral the sky form the zenith down toward the horizon. Seen from the ground toward the zenith, the total spiral draw looks somewhat like this:

The spiral turns may be drawn at any distance from each other. Between 4-8 turns will suffice in most situations.

After having accomplished the spiral draw, it is necessary to trigger -- push-like -- the West-to-East direction of the OR flow of the planetary envelope. This West-to-East triggering should not last longer than about half-a-minute more-or-less, dependent on the stillness of the OR atmosphere . Too short a triggering push West-to-East would not suffice to accelerate the movement. Too long a draw from the West easily may brig about severe rain form the East or a squall.

Therefore, the trigger push West-to-East after the spiral draw has been done should be handled with great care and be based on much practical experience according to the region, the weather, and similar circumstances.

Since all OR operations are basically resting on functional and not on mechanistic principles, they cannot be rigidly executed.

The total draw -- per single draw operation -- was at Orgonon, approximately 5 minutes. With heavy fog, it may be necessary to execute 4-or-more single draws to achieve results. A single draw may break the fog bank and let the Sun come shining through. But the fog may close in again and not budge finally until after the 4^{th} or 5^{th} draw.

The lifting of fog can easily be learned and operated by anyone whose Orgonotic sense is unimpaired and who has some knowledge of natural weather functions. It is also obvious that the 'Cloudbuster' operations cannot be executed on the basis of the classical, thermical assumptions about the origin of the various forms of weather. The relationship of hot and cold air masses must -- quite logically -- be dependent upon and secondary to more basic, energetic functions of the Orgone envelope. The 'Cloudbuster' operation rest on the firm principles of the functions of the OR energy envelope of the Globe.

We shall (in another communication) proceed to mention a few rules (medical and general) in handling the 'Cloudbuster'. One must not follow the temptation to play around too much wit this "toy". Cloudbusting is a very serious and highly responsible business. The importance of fog dispersal for aeronautics is obvious. So is the removal of DOR clouds. Both operations have been conducted at Orgonon by our caretaker quite on his own without my presence or help. And with great success. Discipline, reliance on Orgonomic observations of the atmosphere, and a well-functioning First Orgonotic Sense make fog-lifting a relatively easy task. However, "playing around" with the 'Cloudbuster' to prove oneself one's "cosmic omnipotence" is only a sign of irresponsibility if not ignorance.

*[Note: **Figures 7 & 8** are missing, apparently a typo in the book]*

Chapter IV
OROP Desert Project

What has been presented heretofore is closely related to the 2 perhaps gravest problems of humanity -- Drought and Desert. As long as one dwells in forests, one must know all the little bushes and trails. One must be able to fell a tree, and one must know how to protect oneself from lightning and storm. However, once one starts flying a jet plane 30,000 feet above the Earth's surface, things being to change their looks rapidly. The forest and the small trail and all the rest -- important as they certainly are -- shrink not to insignificance, but to their proper size as viewed from high up. Here, the change of the observer's position from the earthly to the Cosmic perspective is imperative if one is to comprehend the task OROP Desert. All the specialized knowledge will easily fall into its place once we gain the birds-eye view of the total problem. This, of course, is given in the nature of the task itself, governed by its own laws.

The desert problem emerged from Oranur in the following manner:

The DOR clouds began coming in over Orgonon en masse during April 1952. An extensive description of their influence upon vegetation and animal life was given in **Chapter III**. The general impression was that of an event distinctly detrimental to all kinds of life. The landscape took on the expression of desolation and dying. True, it recuperated easily as soon as the DOR cloud had passed or was removed with the 'Cloudbuster'. In the same manner, one came close to dying through total paralysis if one happened to fall asleep in the Observatory for a few hours. One also recuperated quickly in fresh air. This was experienced on many occasions by myself and others.

The careful reader is asked to focus on this contradiction sharply. In due time, it will open for us the door to the technical problems in OROP Desert. One can easily visualize the mechanics of this peculiarity if one imagines a person choking to death in a garage full of carbon monoxide, yet recuperating when fresh air takes effect.

This is to say that there is nothing more distressing and dangerous to human life than desert, the changing of fruitful land into a dustbowl, the starving to death of whole populations, the decay of flourishing cultures due to drought. Yet, there will be (to judge from our experiments in DOR removal) comparatively little difficulty in bringing Life back into its own rights. The first condition of OROP Desert is exact understanding of the OR energy functions involved in the origin of deserts.

To return to our main line of thoughts, iIt was soon obvious that we were dealing with functions of desert development. How to remove the DOR (which is no more than Life Energy gone stale and stagnant) thus became a first-rank problem. While deliberating on this problem, the Southwestern desert areas in the USA offered themselves as a perfect case to test the validity of the Orgone theory regarding deserts. The basic observations on drought, the assumed influence of the Sun on the currents and moisture in the atmosphere, and displacements in the atmosphere fall perfectly into place with the birds-eye view of the Orgone theory if one is willing to accept the following amendments to our understanding of weather functions in general.

We must ask what makes the atmosphere move? And what changes the amount of moisture and precipitation? They do not move and change by themselves. Gaseous atmosphere and water vapor are in no way primordial functions of Nature. They must have developed from primordial energy functions. They were not always there, and they may disappear or change again. The presence of desert itself proves the point.

Seen from the view of the basic, functional law of nature, it is the cosmic OR energy which surrounds the planet in its developmental beginning that is the source and power of all motion. It is necessary to assume that it is the OR energy in the atmosphere which brings about the development of the various gaseous components of the air. And it must finally be the OR energy envelope of the globe which, at bottom, is responsible for air movements and shifts of moisture, as it is responsible for the movement of the planet and all other movements. This is why we came to name it the Primal, Cosmic Energy.

If the air currents keep a predominantly west-eastern direction in unison with the direction of the earth's rotation on its axis. It is again the OR energy stream in the equatorial plane which makes both globe and atmosphere move from west to east.

According to careful observations in our region shortly before rainfall, one can clearly see (with only 60-100 fold magnification) the West-to-East direction of the flow of the atmospheric OR energy reversing itself to East-to-West if the rain follows from the West. Once the skies clear again, usually a very strong wind from the west develops. This wind -- or movement of air masses from West-to-East -- is the result of what came to be called the "Backwash" -- i.e., reversal to its original West-to-East direction of the flow of the atmospheric OR energy.

What is usually called the "influence of the Sun" upon weather formation requires the following correction. This influence is exerted by the Sun through various trigger functions effecting the Orgone energy envelope of the globe Earth. The Sun does not act directly but indirectly through excitation or irritation of the intermediary OR energy ocean.

With these new views in our minds, we may venture into an attempt to comprehend the dynamics o a desert like the one in the Southwestern USA.

The following is no more than a suggestion. It is possible a useful suggestion. It requires ample proof of its validity, and it will be abandoned should such proof not be forthcoming with honest effort. To remind the reader, we are dealing with blueprints only, and not with finished buildings.

Let us study the relief of the Western USA in Figure 7 carefully with regard to the West-to-East equatorial OR energy stream which carries the air masses and the water vapors from the Pacific eastward.

The effect of the 2 nearly parallel North-South ranges of high mountains -- the Sierra Nevada and the Rocky Mountains -- upon the lower, rain-producing layers of the OR envelope will be these:

(1) Coming in from the Pacific Ocean carrying eastward with it air rich in moisture, the equatorial OR energy stream will meet the …

[Note: MISSING Para (2)]

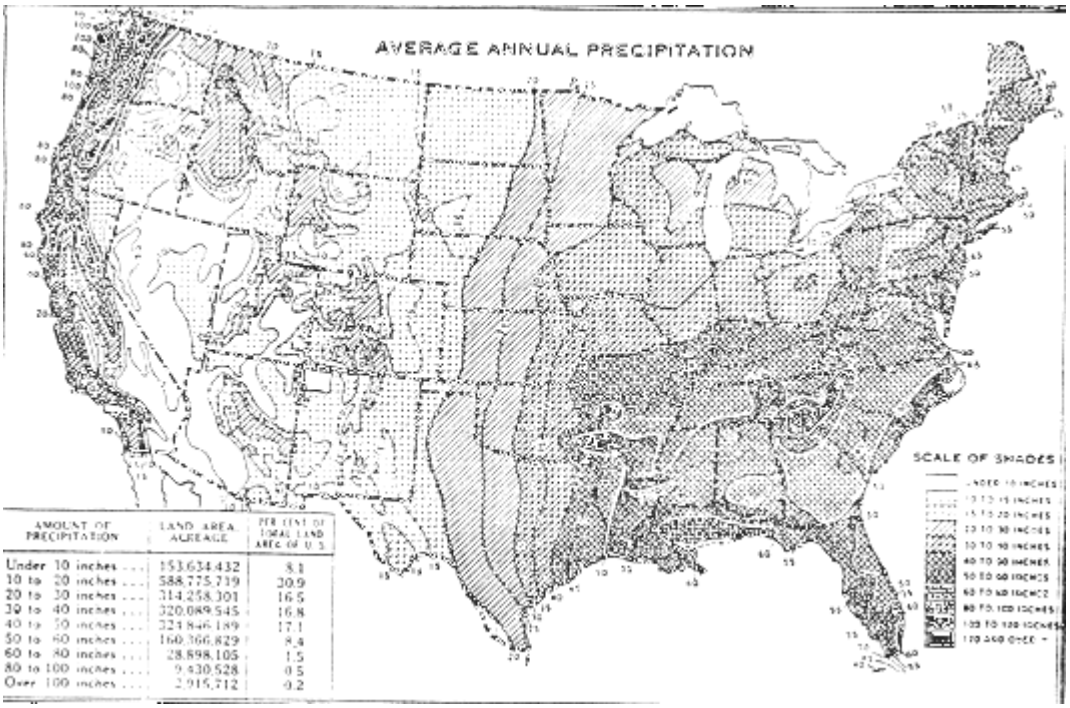

AVERAGE ANNUAL PRECIPITATION
SCALE OF SHADES
AMOUNT OF PRECIPITATION
LAND AREA ACREAGE
Under 10 inches 153,634,432 8.1
10 to 20 inches 588,775,719 30.9
20 to 30 inches 314,258,301 16.5
30 to 40 inches 320,089,545 16.8
40 to 50 inches 323,846,149 17.1
50 to 60 inches 160,366,829 8.4
60 to 80 inches 28,898,105 1.5
80 to 100 inches 9,630,528 0.5
Over 100 inches 2,915,712 0.2

Figure 9: Average Annual Rainfall in the USA

(3) The Eastern slopes of the Rocky Mountains and the great plains adjoining them to the East have not only much rainfall, but also are subject to an unusual prevalence of floods, tornadoes, twisters, and other kinds of atmospheric disturbances which all bear the earmarks of cosmic energy effects.

Let us first consider the situation to the east of the Rocky Mountains with respect to the OR potential. The rain does not come over the mountains from the west or even from the Pacific. This Western rain drive is held up already at the Sierras and in the arid regions between the Sierras and the Rockies. The rain east of the Rockies does come from the Eastern areas of the USA.

As usual, rain in the West is caused by a reversal of the OR energy flow from West-to-East-to-West. The schematic drawing in **Figure 10** below shows that the reversed East-to-West flow of OR energy rebounds, as it were, from the Eastern slopes of the Rocky Mountains, eastward again. It carries its great moisture contents first westward (not reaching into the desert over the mountain peaks) and then reverses its course back eastward toward the Atlantic Ocean. Thus, a high concentration of moisture results which feeds the agricultural riches of the Great Plains to the point of flood disasters. The tornadoes which happen here so frequently require still another point of view for their comprehension.

From the Orgonotic considerations of the past few pages follow logically the conclusion:

If it were possible to draw OR energy and moisture over the Sierras into the desert and from here over the Rocky Mountains, the desert region of the USA could be changed into fruit-growing country.

A challenging task indeed! And one, too, which would serve as a first test in the training for far greater tasks such as fructification of other desert lands such as India, Sahara, the Near East.

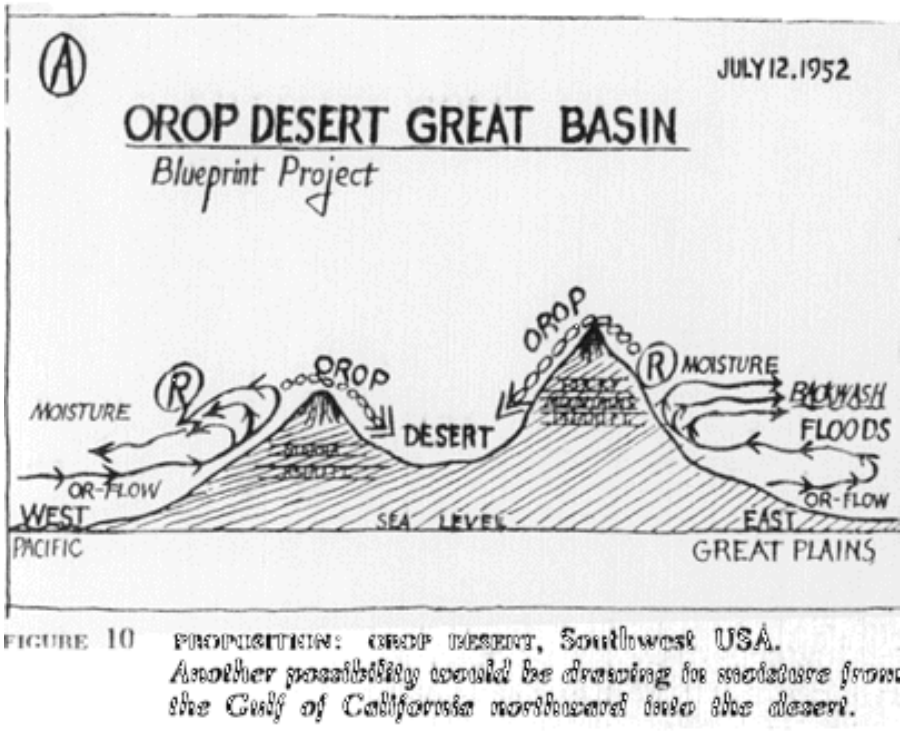


FIGURE 10 PROPOSITION: OROP DESERT, Southwest USA.
Another possibility would be drawing in moisture form
the Gulf of California northward into the desert.

Figure 10: Proposition for OROP Desert, Southwest USA (Another possibility would be drawing in moisture form the Gulf of California northward into the desert)

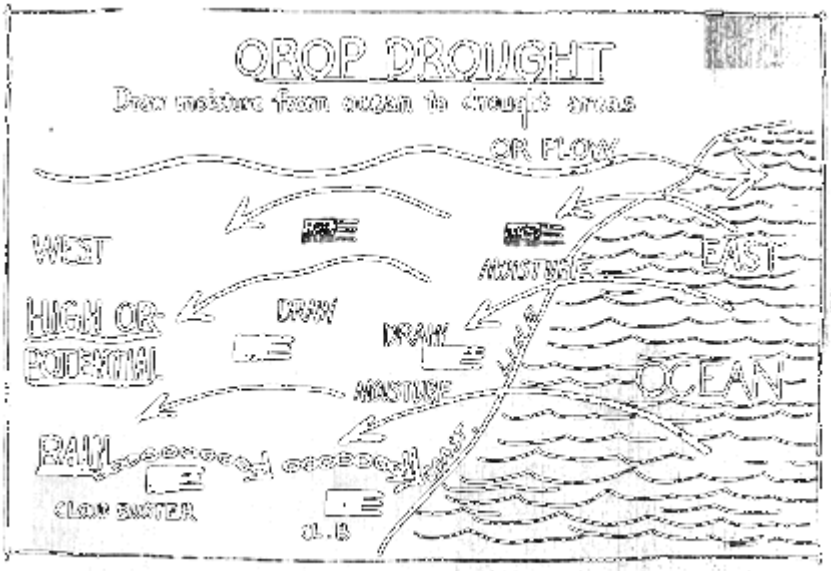


FIGURE 11. *Proposition* FOR COMBAT OF DESERT NEAR OCEAN TO EAST.

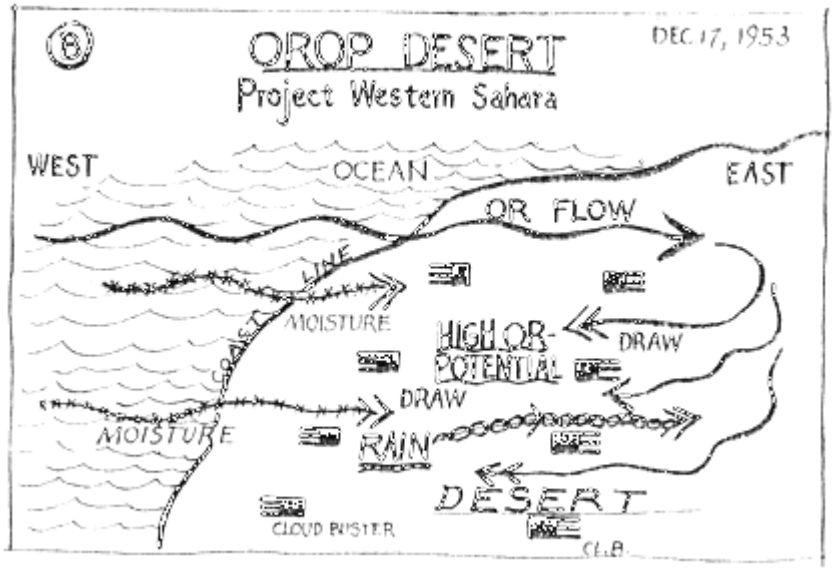


FIGURE 12. *Proposition* FOR COMBAT OF DESERT NEAR OCEAN TO WEST.

Figure 11: Proposition for Combat of Desert near Ocean to East
Figure 12: Proposition for Combat of Desert near Ocean to West

OROP Desert was conceived on July 7, 1952. During this very same summer, the first practical steps were taken in a rather crude form by drawing DOR away from Orgonon and the Rangeley region in various places and with a wide range of various results. It was good experimentation in which one made many stupid mistakes which were -- as usual in serious research -- the best guideposts to truly gratifying results.

In consequence of these first 'Cloudbuster' experiments, finally the first serious drought of many weeks duration was broken in New England on August 1 and 2, 1952.

On August 1, 1952, a first conclusive confirmation was obtained for the hypothesis of OROP Desert.

It rained heavily at Orgonon for 2 days (August 8 and 9), after the drought had been broken on August 2 (see below). However, at Eustis Ridge only 26 miles away to the North, it had not rained at all. I asked the farmer (M. Armstrong, since deceased) whether he thought it possible that the mountain

range between Rangeley and Stratton-Eustis Ridge had held up the rain. He agreed and stated that this was a well-known fact to farmers.

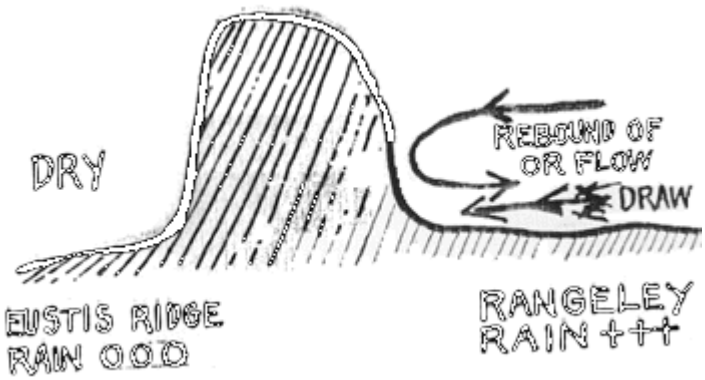


Figure 13: Eustis/Rangeley Geography (Mt. Rigelow Group separates the southerly Rangeley Region from the northerly Eustis Region) ~

Chapter V
OROP Rangeley (August 1-2, 1952)

(1) Understanding Drought Clouds ~

Breaking of drought by means of changes induced in the various potentials of the atmospheric OR energy aims at rain to fall in certain areas. This is a very young art indeed, not more than 3 years old. Still, the experiences made during these three years (1952-54) were rich in yielding new facts. They open up a birds-eye view on Cosmic OR Engineering (CORE) in understanding some of the basic mechanisms of Drought, Rainmaking, and Desert development. The most important vehicle of getting ahead in this as well as in any other field of human knowledge is knowing the reasons for failure or success. In some cases it is difficult to convince the student or young operator that one's mistakes are the true signposts of learning how to advance.

The following discussion is designed to help the student of Cosmic Engineering to become conscious of <u>what</u> he is doing and <u>why</u>. There is nothing more destructive to one's own learning an professional perfection than playing around with cloudbusting only in order to enjoy the feeling of one's great power over cosmic forces. It is true, one can induce grave changes in the cosmic OR energy ocean. This is as easy as speaking into a microphone in Los Angeles and being instantly heard in New York. This accomplishment however is due to the great irritability and sensitivity of the cosmic OR energy ocean and not to the greatness of the speaker.

In cloudbusting, the dangers are much graver indeed than in radio speeches. Twisters, sudden and unexpected changes in wind direction, severe gusts, and similar effects are to be expected in the most carefully executed operations. The CORE effects can reach very far -- to 300 miles and more with one 'Cloudbuster' alone. It all depends on knowing what one is doing and why. In the beginning, great care in not over-reaching the safe limit is of crucial importance. Whoever knows the dynamics of the OR energy will not fail to be over-cautious rather than "daring". One can easily recognize the ignoramus in his playful, senseless overdoing, showing off, "demonstrating" cloudbusting. The effects are so easily obtained that we must guard against this menace from the very beginning.

The shape, character, and functioning of drought clouds became clear during the first weeks of the grave DOR emergency in April and May 1952. This happened in the following manner:

Clouds which drifted in from the West changed their shape and color. Coming in white or gray-white, they had a steel-gray, "dirty"-looking appearance over Orgonon. They also lost their typical shape characterized by a great variety of forms. They became mechanically quadrangular -- sharp-edged, as it were. Furthermore, they seemed to hover over the Observatory building for hours on-end, not moving onward toward the East. Thus, after several weeks of careful observation, it became possible to recognize these clouds by their mechanical edginess; their dirty, steel-gray color; and their hovering over Orgonon. In the beginning, it was incomprehensible what it was that made these clouds change their shape. Later on, when the thunderstorm season was at hand, another observation brought some understanding to these functions. They were finally comprehended in 1953.

During the Summer of 1952, not a single thundercloud passed over Orgonon. There was no thunderstorm or lightning over the Rangeley region. All "thunderheads" which came in from the West either parted their way to North and South of Orgonon several miles apart, or they dissolved into fuzzy-looking, incoherent shred-like pieces of formerly impressive, heavy and dark-blue thunderheads. People in Rangeley observed this strange phenomenon all through the Summer of 1952 until late Autumn. Only a few thunderstorms passed in the vicinity of Orgonon in 1953; none passed directly overhead.

The clouds dispersed easily; they did not seem to be able to hold together (see **Figure 14**). The thin, shreddy pieces were (as we learned later) of the same kind as true drought clouds. From then onward, it was easy to predict reduction in rainfall and later also drought. To diagnose drought in advance, however, did not develop further during 1952 until late in August, after several attempts with the 'Cloudbuster' failed to create clouds or to make existent clouds grow heavy with water vapor.

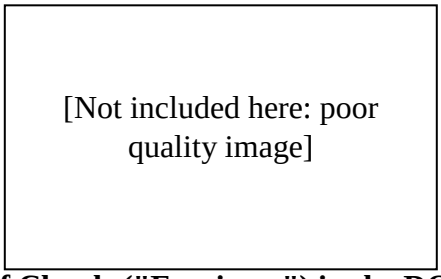


Figure 14: Dissipation of Clouds ("Fuzziness") in the DOR Field above the OR Energy Observatory, 1952

(2) First Breaking of Drought ~

Not until the cause of the dissipation of clouds and their droughty appearance were comprehended did producing rain in a predictable manner become possible. The breaking of the severe drought of July 1952 -- engineered on August 1 and 2 -- was to my knowledge the first of such kind in the history of natural science. On that August 1 and 2, 1952 with the help of 2 operators (Mr Thomas Ross and Mr William Moise), I knew for the first time what I was doing and why. We used a crude contraption -- 8 copper pipes mounted on a wooden supporting arrangement put on a truck platform.

At this "OROP Rangeley" which took place at a bridge southwest of Rangeley, I prolonged the former 15-30 minutes of cautious pointing of tubes toward the sky ("Drawing") into a full 80 minutes Draw. I drew from nearly exactly opposite the direction to where I intended to direct the atmospheric OR energy stream. The goal was to build up a strong Orgonomic Potential at the Atlantic coast to the Southeast.

Here for the first time, moving the tubes with drawing movements -- and using the zenith too to lower its potential -- was employed.

The atmosphere over the Observatory was highly active orgonotically. In terms of Orgone physics, Tte atmosphere was highly-excited and discharged every single accumulation of charges right away. The OR potential over the Observatory was much higher than even the potential of the approaching clouds. Their OR energy was withdrawn from them as they approached. The water content could not be held together in large masses. Dispersive, expansive, and discharging functions in the atmosphere prevailed by far over the contracting, accumulating, and charging functions. This prevalence of expansive dissipation of OR energy constitutes the dynamics of drought clouds -- rainfall becomes impossible or highly insufficient.

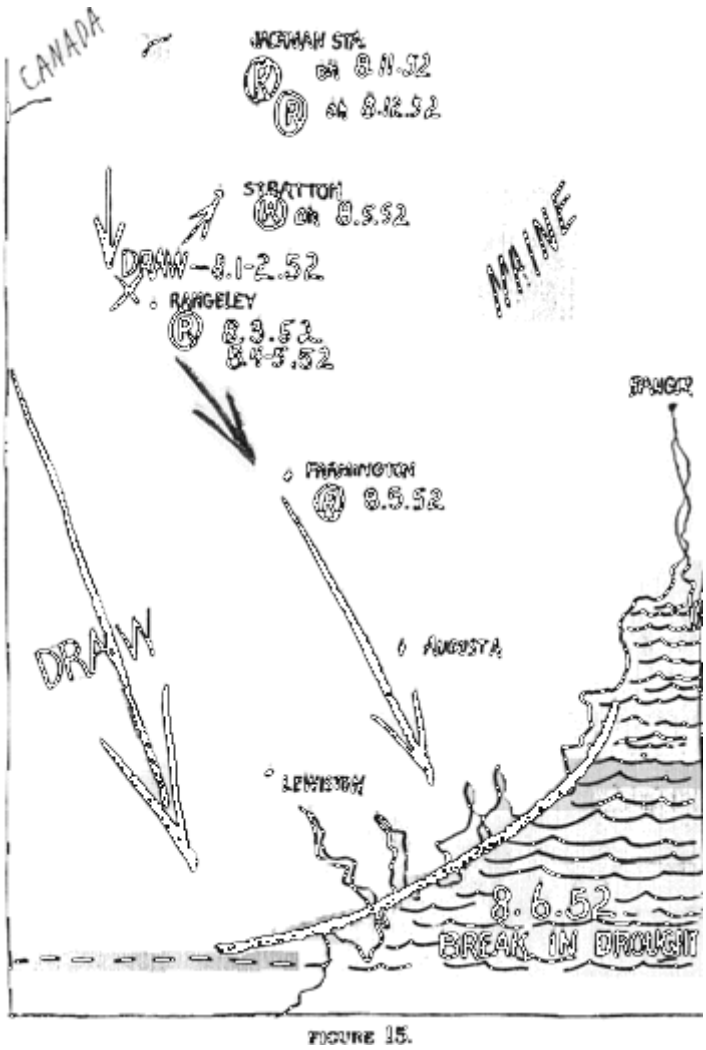


FIGURE 15.

Figure 15: Copy of map used in breaking the drought, New England, August 1952 on August 1 and 2 at Rangeley from NNW. The rain started August 3 in Rangeley, proceeded to and reached Farmington on August 5, 9 am, and reached the coast on August 6, 1952. To the North, the spreading of rain from Rangeley was much less forceful since it occurred opposite to the direction of the draw. It took 3 days for the rain to reach Stratton, and 10 days to reach the region of Jackman)

The withdrawal of OR energy from clouds resulting in dissipation of the water vapor should be distinguished from the withdrawal of water vapor from clouds by DOR present in the atmosphere, also resulting in dissipation of clouds. Cloud-seeding seems to immobilize the OR energy in the clouds resulting in the dropping out of water which no longer can be suspended.

(3) Rainmaking ~

Obviously, rainmaking depends on the possibilities at hand to reverse the functional conditions that lead to the drought. These conditions are typical for every kind of drought (DOR clouds, fuzzy clouds, strong dehydration of air and soil, prevalent even dissipation and expansive force of OR). There are also special conditions, specific for the drought area in question. It is, for instance, much easier to break a drought in the vicinity of an ocean than inland.

The functions opposite of drought that lead to rain are the following:

(1) Strengthening of the cohesive function of existent clouds.

(2) Creation of clouds in cloudless, droughty skies.

(3) Prevention of dissipation of newly created clouds.

(4) Directing the OR energy stream in such a manner that the clouds grow and unite into ever greater nits.

(5) Drawing in moisture from oceans.

(6) Repeating CORE operations in such a manner and as often as necessary to force the clouds to grow until finally they pour out their water content, due to prevalence of water content over carrying OR energy.

(7) Guarding against "overdoing" so that no major disaster may take place in consequence of OROP rain.

There are many more points to be mentioned. However, it is necessary first to get thoroughly acquainted with the above-mentioned basic tenets. They had become clear by the end of the year 1952. They were practically operable at the OROP Drought which took place at Ellsworth bear Bar Harbor, Maine on July 6, 1953 upon invitation by 2 fruit-growers.

Chapter VI
OROP Ellsworth (July 5-6, 1953)

This operation was based on the already well-known fact that the atmospheric OR energy flows basically from West-to-East in accordance with but faster than the rate of rotation of the Globe. If one intends to cause rain to fall in a certain region with prevalent West-to-East flow of energy, one must draw predominantly against this direction that is from East-to-Eest. In this manner, one causes a reversal of the OR energy stream. In consequence thereof, a concentration of OR energy with a higher potential will be established to the West of the place of the intended rainfall. In the successful operation, the rain will concentrate in the West and will sooner or later follow the normal course of the West-to-East flow of OR energy, thus coming from the West.*

*(*In different regions of the Globe, conditions may differ considerably from those here described. Therefore, specific study will be required in each new region.)*

There will always be a "weather front" to the West of the place of Draw. Rain cannot come out of nothing and from nowhere, as it were. This answers one argument which was raised against our Ellsworth success. "The result of OROP Ellsworth is doubtful since a front of weather came in from the West". Of course, the weather front came in from the West from the region of the Great Lakes. From where else should it come? The facts that put the positive results of the Ellsworth operation beyond doubt were these:

(1) The New England drought was severe. It had lasted several weeks already with no clouds and no rain over a wide area in the northern USA. The weather prediction for the day of OROP Ellsworth was: "No moisture in the air, no rain for another 3 days". It rained about 10 hours after conclusion of the Draw operation, July 6, 1953. The drought was definitely broken -- no such break was forecast by the U.S. Weather Bureau. The breaking of the July 1953 drought showed exactly the same chain-like activity in its spreading over hundreds-of-miles as did the breaking of the drought on August 2, 1952 from Rangeley, with abundant rain starting from the region of the Draw.

(2) The weather front that came in toward Bar Harbor from the west on July 6 had been engineered by a 1-hour OROP, predominantly from East-to-West and Southeast-to-Northwest. The previous day (July 5, 1953) at Orgonon, 160 miles to the west of Ellsworth. Thus, on the day preceding the main OROP at Ellsworth on July 5, a concentration and condensation with high potential had been accomplished about 200 miles to the west of Orgonon (or roughly 360-400 miles from Ellsworth). The western weather front, too, was unpredicted by the U.S. Weather Bureau for July 5 and 6 -- it knew nothing about the OROP at Orgonon.

(3) The following chart (**Figure 16**) shows the direction of the main rainfall at Ellsworth, to point of the final OROP, and its approximate density with respect to surrounding regions. The main points of import are these:

(a) OROP Ellsworth lasted 70 minutes. We drew mainly form the East-to-West and Southeast-to-Northwest, with occasional operation South-to-North. The intended direction of rainfall was NW-to-SE. The actual rainfall was, in effect, NW-to-SE. The main direction of heavy rainfall -- beginning the night of July 6.7, 1953 -- was Bangor to Ellsworth to Bar Harbor.

(b) The chart (**Figure 16**) shows only light rainfall to the North and South of the area of the main rainfall. This is another example of the near exactness and the possibilities of Oranur Weather Control.

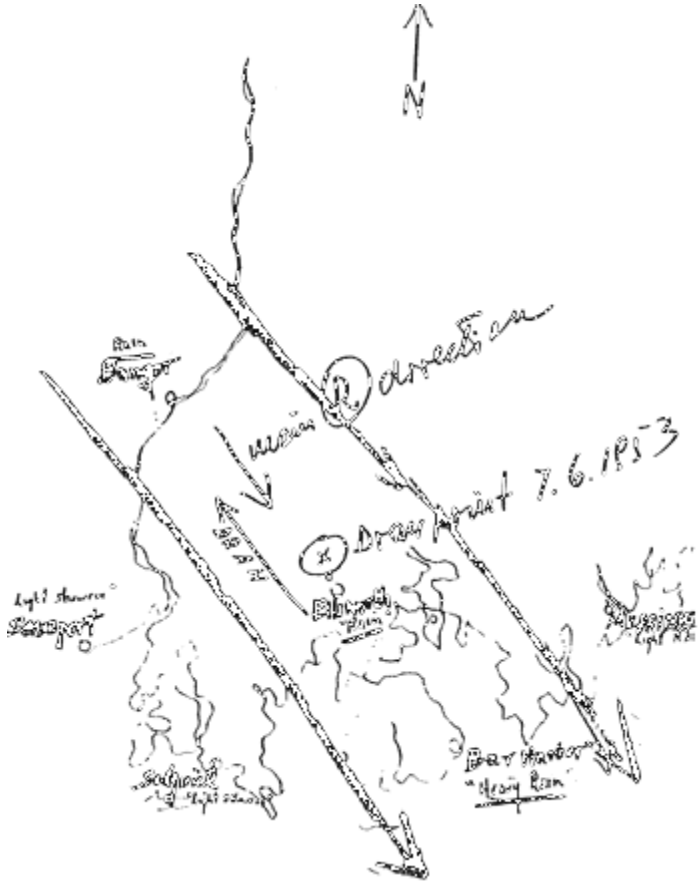


Figure 16: Chart showing direction of rainfall after OROP Ellsworth, July 6, 1953.

(4) We neglected somewhat at OROP Ellsworth to draw from the zenith. This mistake showed up clearly during the night of July 6/7 when nearly exactly at the zenith, the cloud front seemed unable to rise completely. There was at the zenith an area free of cloud-formation. At times, too, forming clouds had difficulty in holding together. This gave way only after heavy rain began to fall over Hancock in the early morning hours, approximately 20 miles to the East of the place of OROP Ellsworth.

The protocol written on July 8, 1953 on OROP Ellsworth follows:

Preparatory Operation ~ Orgonon, July 5, 1953, 10:45 - 11:45 hrs

Purpose ~ Rain at Orgonon to come from West and to continue toward E-to-SE. Squelching of forest fires in progress South of Mt Washington.

Information ~ Given to Mrs Williams, Forest District, Cupsuptic Headquarters

Direction of Draw ~ From East-to-Southeast toward West and Northwest.

Final Operation ~ Graham Lake Dam near Ellsworth, Maine, July 6, 1953, 10:45 to 11:52 hrs.

Purpose ~ Rain to the W, E & N of Draw point.

Equipment ~ One unit, 10 tubes fully extended, 2 cables of water.

Direction of Draw ~ From E, N, S toward W.

Mistake ~ Only one brief draw on zenith -- should have been longer.

Problem ~ Apparently later the zenith remained droughty due to thin gap in Orgone envelope at zenith.

Result ~ Immediate "draw cloud" formation to S & N. Windshift from SW-to-SE throughout drawing with minor shifts to W and stillness until late midnight. (at Hancock). 16:00 hrs: First cumulus clouds dissipated. Constant E-to-W OR flow. Unexpected broad sharply outlined low fog weather front from ocean meeting a blue-gray weather front from W-to-E. Ring around Sun very wide and sharp. Fog drifting in from ocean on broad front. Rain at Ellsworth at 22:00 hrs. Strong SW wind & sheet lightning at 02:15 hr (7-7-53). Onset of steady rain at 03:15 hrs. Change to fine drizzle still continuing at 07:00 at Hancock. At first big droplets, then small ones.

On Return to Orgonon ~ Thought (WR): "Even a 4-5 hour rain breaks the drought spell and the probability of another rain is greater." Extent at 09:40 hrs: Fog belt extends 25 miles W of Hancock (12.5 miles E and 12.5 miles W of Draw point. Spontaneous waitress talk, Bangor: Rain started 23:00. Rain heavy to Snowhegan (65 miles). No-rain stretch through Palmyra -- half way between 2 Draw points. Coincides with limit of Oranur. Inquiry at garage at Canaan: Rain started at 21:00. Drizzled all night. Inquiry at farm 5 miles E of Farmington: Rain started 19:30. Rained until bedtime at least. Farmington to Rangeley: heavy rain had fallen. News broadcast, 12:00 WGAN: 3/4" rain many places, no rain in York or Washington counties. "Double centered low pressure system."

This protocol mentions an unexpected front of fog form the East. Although at OROP Ellsworth the OR flow was deliberately directed from the E-to-SW, it was done so only with the direction of the OR flow in mind. No one gave any thought to what actually happened later. It was one of those <u>unintended</u> developments which tell more than hundreds of control experiments and ad hoc theories:

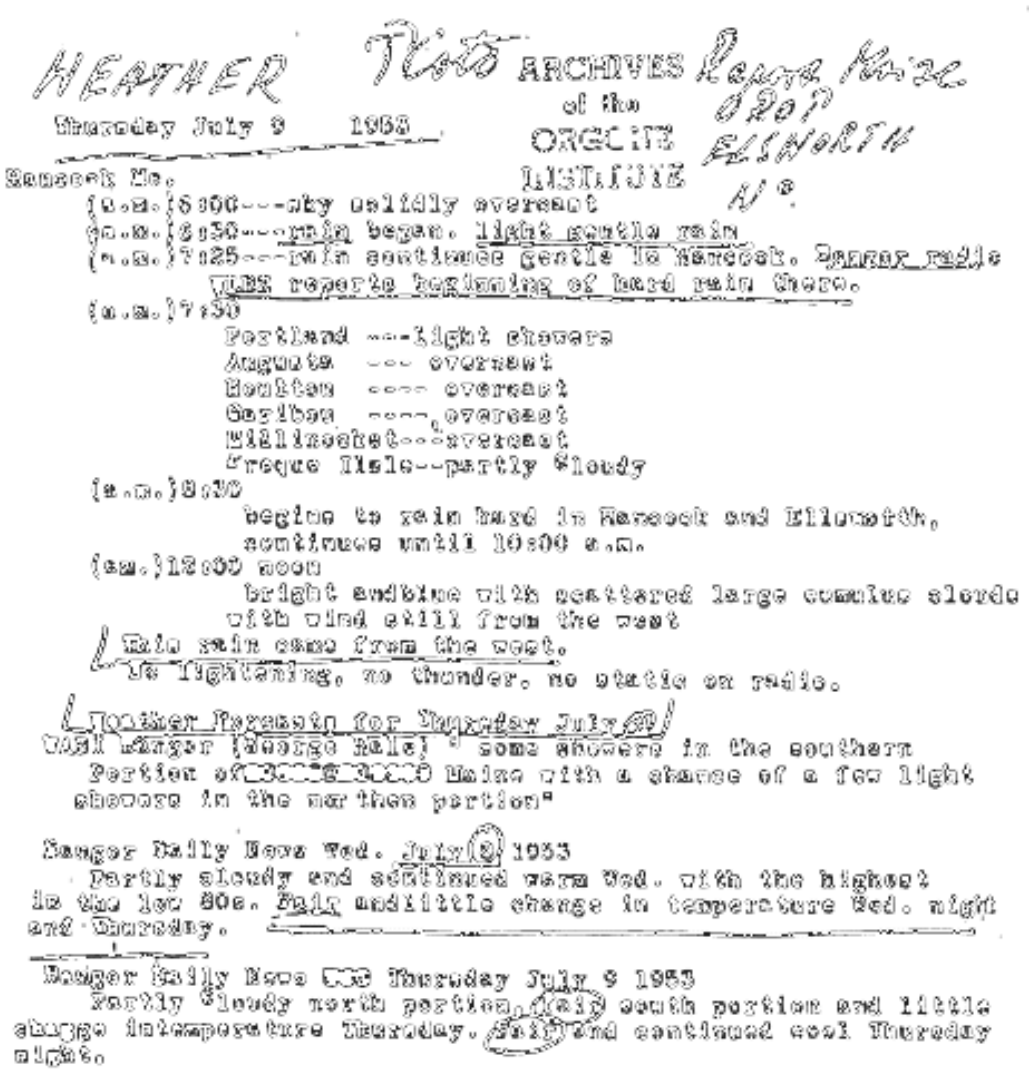
We had -- without being aware of it -- drawn not only OR energy but with it tremendous amounts of moisture from the ocean. This moisture began to stream inland from the Atlantic as fog on a broad front and several (unmeasured) hundreds of feet high, fogging in the whole region. At about 16:00 hr. July 6, I drove in my car with my daughter Eva Reich toward the coast in the region of Hancock, ME. We observed with amazement the broad and high front of fog rolling inland. It was clear what this fog meant then and what it would means in the future: Drawing-in moisture from the ocean ad libitum in a controlled manner; fogging in stretches of coast for protection against enemy attack from air and sea; fructifying deserts by drawing in moisture at will from the oceans over desert land, planned rainmaking, etc.

The fog that was rolling in toward the bar Harbor region was dense and obstructed visibility even for car drivers. It had not been foreseen by the weather Bureau. For this, the weathermen are not to be blamed since it was an **experimentally-induced** fog which could not possibly have been foreseen.

The question remained open as to how such Drawing-in of fog from the ocean over stretches of land could be accomplished regularly and awfully. But we need not worry. Once done, it would not take much technical skill to perfect such operations. We were surprised at the fogging-in in spite of our

having been prepared both theoretically and practically for it by fog-lifting operations during the previous winter months conducted at Orgonon.

Following are a few reports on the Ellsworth operation *[note: only 1 of 3 are included here]:*



HEATHER Files ARCHIVES of the ORGONE INSTITUTE Reich Mss. 1207 ELLSWORTH A/C

Thursday July 9 1953

Seasack Me.
(a.m.)6:00---sky solidly overcast
(a.m.)6:30---rain began. light gentle rain
(a.m.)7:25---rain continues gentle to heavier. Heavy radio WLBZ reports beginning of hard rain there.
(a.m.)7:30
Portland ---light showers
Augusta --- overcast
Houlton ---- overcast
Caribou ----overcast
Millinocket---overcast
Presque Isle--partly cloudy
(a.m.)8:00
begins to rain hard in Hancock and Ellsworth, continues until 10:00 a.m.
(am.)12:00 noon
bright sunshine with scattered large cumulus clouds with wind still from the west
Rain rain came from the west.
No lightning, no thunder. no static on radio.

Weather forecast for Thursday July 9
Cool longer forecast (Bangor Me) some showers in the southern portion of Maine with a chance of a few light showers in the northen portion"

Bangor Daily News Wed. July 8 1953
Partly cloudy and continued warm Wed. with the highest in the low 80s. Fair andlittle change in temperature Wed. night and Thursday.

Bangor Daily News for Thursday July 9 1953
Partly cloudy north portion, fair south portion and little change intemperature Thursday. Fair and continued cool Thursday night.

U.S. Army planes appeared for the first time over Orgonon monitoring the atmosphere on the morning of July 8, 1953. The U.S. Government had apparently become interested in our experimental weather control operations to judge from its continued observational activities during the following months.

On July 11, 1953, President Eisenhower -- after flying over the pains of drought-stricken Texas and Oklahoma (NY Times, July 11, 1953) -- warns against delay. "Let's not delay", the President told the audience. "Let's to shilly-shally and wait until the last cow starves and dies on the range. The heart of the Federal Government is not concerned merely with Washington and New York", he told the Texans. "It is concerned with the United States and every man, woman, and child in it."

In the meantime, someone acting behind the scenes tried to prevent further publication on the Ellsworth success. At the operation on July 6 itself, a few young men (unknown to me) tried to be

obnoxious in a sneering, contemptuous manner. They were reprimanded on the spot and were also admonished later on by their superiors at the university. This incident may well have been a preliminary step to obstruct our operations on the part of those afraid to suffer economically by a successful OROP Desert. Our operator in Hancock had to be warned in time since he was as inexperienced in the doings of the emotional plague as are most people. In a letter of July 6, I warned the operator against the underground moles (Archive Doc. #10923 EP).

The manuscript sent upon request to the *Bangor Daily News* had not arrived at its point of destination. Furthermore, the publication on OROP Ellsworth was scheduled for Saturday, July 25. To our surprise, it had appeared already Friday, July 24 -- a day in advance. We concluded from this that again somebody had tried to interfere.

The *Bangor Daily News* gave an extensive favorable account on OROP Ellsworth. It soon was broadcast on the radio in Boston and abstracted in a newspaper in Israel.

Chapter VII
OROP Orgonon (July 23, 1953)

(1) OROP Orgonon Out of Control (July 23, 1953) ~

After the successful, theoretically-lucid OROP Ellsworth, experimentation OROP Desert continued at Orgonon. On July 17 00 only 1 week after the drought had been broken -- a new drought developed in New England. In other regions of the USA, the severe drought had continued unabated.

The dilemma at Orgonon was grave. There was only the choice between letting the drought go on without any counter measures or to take all the risks involved in a series of operation which were at the same time experimental, uncertain, laden with danger to communities but also with responsibility for possible breaking of the drought. The dilemma was the more grave since at the end of July, 1 operation drought went out of control in the State of New York. Such in fact was learned from these failures and from the loss of control over a rainstorm. The details of the happenings in the second half of the month of July 1953 were these:

"Weatherbee" of Boston (reporting on weather forecasts at Boston station WBZ) visited Orgonon on August 7, 1953. Before this visit, he had been in touch with Orgonon since the report on OROP Ellsworth had appeared in the *Bangor Daily News*. "Weatherbee" had mentioned the operation at Orgonon on the Boston radio. Later on, he used from time-to-time to "ask for rain", as it were. Only Orgonon could be meant, since no one else to our knowledge -- except the orgone energy ocean itself -- could have been meant.

On Tuesday, July 14, 1953, Boston "requested" "more rain." Not enough rain has fallen", more rain is needed for New England. I decided to Draw the following day for rain toward the South and Southwest -- that is, toward Boston and New York. I was interested to learn whether directing rain from Orgonon to places 250-500 miles away in a well-reasoned manner would be possible. Therefore, I followed the hint given by the Boston radio. I Drew on July 15, NW-to-SE, from 18-19 hours. No rain ensued. The skies remained droughty at Orgonon and were droughty again also at the Bar Harbor coast. I did not understand why I had failed. But I knew that I had failed -- which is essential, too.

I Drew once more toward the South and West on July 17 and twice toward SW and W -- that is, toward the State of New York -- on July 18, a Saturday. On this day, I achieved cloud formation in a formerly cloudless, droughty sky. Even smaller clouds grew into huge masses when I drew from the close vicinity of the already-existing clouds. However, after a few hours in spite of 1 hour and 50 minutes draw and 1 additional draw of 45 minutes, the clouds failed to hold together. They dissipated again and again, and a droughty sky was once more above Orgonon. Failure, 4 times in a row… I waited for further development without any new attempt at OROP Drought.

On Sunday, July 19 around 10 am, a heavy haze was seen to the West. Slowly, clouds developed to the W and SW. Slowly clouds developed to the West and SW between 8 to 11 am. Thunder and lightning were heard and seen to the West at a great distance. But no rain reached or developed at 2 pm. The rain continued throughout the night to July 21, bringing in its wake relief from DOR and drought.

One special observation worried me greatly:

Usually when one Draws for rain from the West or NW, the OR energy stream reverses its direction to E-to-W. This is as it should be. However, this time when 4 OROPS had failed to bring rain, the E-to-W OR stream continued for days on-end, visible in the wind direction and also in the telescope. The E-

to-W direction kept on all through Tuesday, July 21 at Orgonon in spite of heavy rainfall, and continued the same way all through Wednesday, July 22. It turned out later to have been the certain indication of the severe storm which was to break over the New York area on July 22 and 23. I made a note in my record "Fear of Backwash from West". "Backwash" -- the reader may remember -- is the technical term for the backflow of OR energy W-to-E after a prolonged E-to-W flow. Thus:

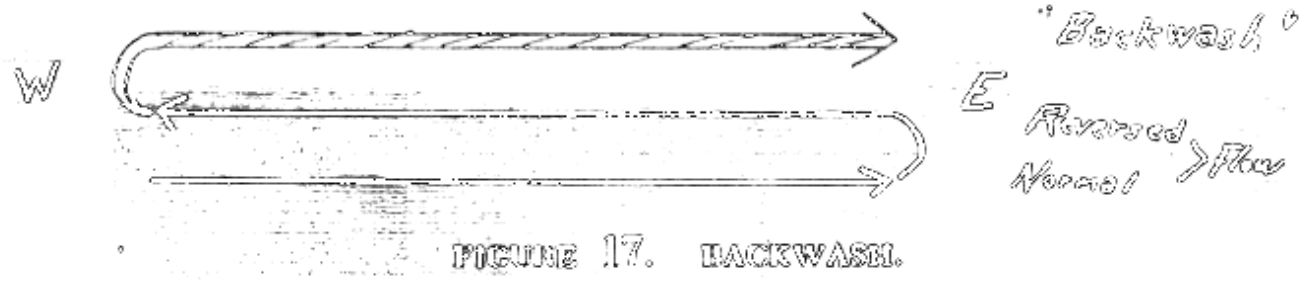


Figure 17: Backwash

Then on July 23 and 24, a severe rainstorm lashed the New York region and poured down 3.38 inches of rain in a few hours. This storm finally broke the drought spell of 2 months in New York according to the *New York Times* of July 24 and the *Bangor Daily News* of July 24, 1953. The same day, it reported on the breaking of the drought in the Bar Harbor region of July 6. The *NY Times* followed with an extensive report.

One could still argue whether this storm was actually caused by the several initially fruitless drawings at Orgonon, beginning July 17. Such questions cannot be answered from single experiences since chance may always have its play in such events. However, such incidents gain in clarity and certainty if they repeat themselves in a typical fashion. And if their dynamics reveal a pattern which can be mastered. With this in our minds, we shall proceed further.

Report by Operator, Hancock Maine on defective OROP Orgonon (July 17-20, 1953):

We observed changes in the weather Sunday which lead us to think that had had Drawn. A strong East wind came up at about 3 pm. Cloud formations appeared in the West at about 6 pm with a steadily growing cloudbank to the West at evening time. No rain has fallen here. A light drizzle Monday and again Monday night (in the form of a fog drizzle). Monday: Violent electrical storms accompanied by brief heavy rains throughout New England. Heavy rain in Vermont, up to 1-inch. Rutlands, VT: "The rain broke the back of the 2 months drought". Portland Weather Bureau: "A high level thunderstorm at Augusta. Light showers in the rest of the state, heavy fog along coast." Tuesday: Storm & heavy rain at Bangor, Tuesday night. Light shower at Ellsworth, Tuesday night. No rain at Hancock; heavy overcast. Wednesday: Clear sky at 8 am. Fresh, blue. Large cloud formations in West at 12 noon. Overcast at 4 pm, looks like rain. (Weather forecast for Wednesday was Fair).

OROP Orgonon of July 17-22, 1953 seemed indirectly responsible for the severe rainstorm in the New York region because it had failed to induce rain at Orgonon within a few hours as usual after a 1-hour draw. It had caused a continued streaming of OR plus moisture inland to the West and SW until the storm broke over New York. The initial failure of the repeated OROP at Orgonon and the consequent New York deluge provided, however, apart from breaking a 2 months drought spell -- a piece of knowledge of incalculable value:

OROP is capable of bringing about weather changes to regions as far away as 500-600 miles.

The problem of how to control such "Tele-Orop" as to desired amount and direction of rainfall remained open.

From here onward, 2 basic problems of cosmic engineering were necessarily fixed in the researcher's mind:

(1) It is obvious now that OROP Desert can be effective at long distances. This is so because the OR energy ocean presents a very sensitive, easily irritable continuum of energy. But how is one to concentrate an OROP upon a single, distant, circumscribed object, town or countryside?

(2) Could the main thoroughfares of the cosmic energy, the equatorial and the galactic OR energy stream -- as outlined theoretically in "Cosmic Superimposition" -- be used technologically I willful operations? Are these main OR energy streams real and usable?

Wearisome these problems were, indeed, but in no way inaccessible to an experimental answer. Both questions were -- at least in a crude way -- answered during the autumn of 1953.

In order to make the answers to these questions comprehensible to the student of OROP Desert, we must relate more detailed facts about the continued drought in the USA from July-October, 1953.

(2) Unknown Friends were active on behalf of OROP Desert ~

On July 27, 10:30 am, a heavy thunderstorm was approaching from the West toward Orgonon. For the first time, in preparation for the bigger task (experimentation with hurricanes), the 'Cloudbuster' was directed toward the thunderheads in the West. The machine was heavily grounded. After only a few minutes Draw, the results were satisfactory. The thunderheads to the West dissolved … filled in twice again … and were dissolved again with brief 30-60 second Draws. The clearing of the sky kept on in a perfect manner for 1 hour over Orgonon. All around Orgonon, the heavy clouds were continuing to gather strength at 12 noon.

OROP Desert lost interest somewhat after July 31. A new branch of CORE science was inaugurated late in July 1953 -- an attempt at the Pre-Atomic Chemistry of Oranur. The loss of interest was also to some extent due to the silence which engulfed our OR operation in all sides. But this silence was a rather audible one, as it were.

In June, 1953, a tax assessor from Augusta, Maine turned up at Orgonon. He was a very kind and open-faced gentleman who seemed to know a great deal about natural science. We had a pleasant discussion about science rather than about taxes. He was shown the damage that had been caused at Orgonon by the DOR clouds. He was told by eyewitnesses about the great emergency, the evacuation of buildings at Orgonon, the impossibility of working in the laboratory buildings. But somehow he seemed much more interested in the destruction of clouds than in our ODR emergency and in tax relief. There was -- later -- no tax reduction. But the tax assessor obtained a few pieces of literature and left highly satisfied with what he had seen and heard.

Some time in early Spring, I had visited Bar Harbor region where my daughter Eva lives and practices medicine. I had sought advice regarding my will at the Trust Bank in Bar Harbor. I met a very kind bank official with whom I left my will and some documents regarding the transformation of the Wilhelm Reich Foundation into an Infant Trust Fund.

Only a short while later, the request for OROP Ellsworth came in from the blueberry growers. I could not refute my impression that this OROP had been a staged one -- a public test, as it were. However, it remained a riddle how then the designers of OROP Ellsworth had succeeded to induce out Hancock operator to offer help by the Orgone Institute to the fruit-growers.

Geological surveyors appeared at Rangeley and prepared to study the widespread deterioration of granite rock in our vicinity.

A tower for relaying radio messages had been erected near the Observatory in December 1952, and now RCA outfits visited the region of Rangeley with a purpose not quite unknown to me.

Boston Radio had mentioned the Orgone Institute and its weather control success.

The newspapers, too, had for the first in a decade treated Orgonomic research with candid open-mindedness. No sneers, no insinuations, none of the "usual" unpleasantness that Orgonomy had gone through for such a long period of time, in fact, ever since the first bions were seen in a microscope in 1936 in Norway.

I had the distinct feeling that there was a group of good friends around -- still hidden -- since Orgonomy had been presented by some kind of "Devil's Scheme" to destroy the World. But now we were dealing with unknown good friends. I was delighted. I did not dare tell this to my co-workers. They would have shaken it off as WR's usual illusionary optimism. I, however, was convinced that I was right. It seemed as if OROP Desert -- which I had announced to the U.S. Government in August 1952 while applying for a passport -- had finally broken not only the drought but also the spell of silence and slander that had threatened to engulf my labors. This belief had not been shaken since. On the contrary, it had been confirmed.

Chapter VIII
OROP Children's Parade (August 8-9, 1953)

It was a great pleasure, indeed, to help the "Doc" Grant "Children's parade" on August 9, 1953 by keeping rain from falling over the Rangeley region. The task of preventing rain from falling was new -- a challenge to our young technology of Cosmic OR Engineering.

Mr. Grant of Rangeley -- the originator of the idea of "Children's Parade" -- had thanked me a few days earlier for having kept the weather nice over Rangeley on July 14, 1953. He had also read a clipping from the *Bangor Daily News* about the Ellsworth OROP success.

I told Mr. Grant by phone -- and confirmed by letter -- the following:

(1) The attempt to keep Sunday, August 6, 1953 free of rain was to be regarded only as another experiment in weather control -- not as an "obligation".

(2) Any *mystical* expectations would be dangerous and should be kept out.

(3) It would be the first attempt at preventing rain from falling at a specific date in a specific region.

(4) Orgonon will try to keep Sunday, August 9 free from rain.

(5) Rain will be falling after the parade is over -- if possible on Sunday during the night.

The day before the Children's Parade was to take place, the weather did not look promising at all. The wind came as a breeze from the East. In our region, that was a certain indication of rainfall. The clouds, too, looked "rainy". It was at first not quite clear how to counteract the tendency to rain. The idea came naturally to counteract by drawing from the West. This could possibly reverse the East-to-West flow. Also, it would appear reasonable to clear the zenith of the region by brief, 1-2 minute clearing Draws as had been done the previous winter to disperse fog.

Prolonged drawing was to be avoided since Drawing over 4-5 minutes would certainly -- according to former experiences -- result in heavy rain. The main OROP to clear the sky over Orgonon, however, should be performed on Sunday morning (the day of the panned parade).

At 7:30 on Sunday, the skies looked bad, heavily-clouded over. I began to 'clear' the sky. At 10:30 am, the sky over Orgonon was still overcast. However at 11:15, the sky was clear of clouds with the Sun shining.

This, however, was only a part of the job to be done. The next task was to keep the region of the zenith from clouding over again. This task was the more difficult to fulfill since the clouds came in strongly from the Western horizon. Also, they parted while approaching Orgonon and closed ranks again at Saddleback Mountain to the East of Rangeley. The problem was how to the clouds parting to the West of Rangeley and the sky clear until late afternoon.

I tried to accomplish this in 2 ways:

(1) By intermittent, brief Draws of 1-or-2 minutes each whenever the clouds overhead showed the tendency to close in over the region.

(2) By keeping only one Draw pipe open for 1-or-2 minutes, very cautiously only in small steps, pointing westward some 15 degrees above horizon. This method was new and never tried before. It promised -- and fulfilled -- the task of Drawing off just enough OR energy from the oncoming clouds to keep them in a state of dissipation without however risking rainfall. From this second method grew a special branch of OROP Desert: continuous Drawing off of DOR without the risking of rain.

The success of OROP Children's parade was perfect. At 5:35 pm, the parades were over. Not a single drop of rain fell over the Rangeley region. This was the more astounding since it had rained (as I learned much later) all around Orgonon and Rangeley that afternoon. I had kept up OROP-No-Rain all through the parade. When it was over, I Drew for rain. Reversing the direction of the draw to East-to-West, I Drew first 10 minutes and then again 20 minutes to enhance the already existing tendency toward rain which had been interrupted by OROP-No-Rain.

Now, an East wind was blowing as it should. But at 9 pm, there still was no rain over the region. Finally, it rained gently and richly during the following night. My 'Protocol of the Day' finished with these words: "How much humility -- not fake humility -- is required to accomplish such things as OROP Children's Parade…"

Mr. Grant thanked me some time later with deep emotion when he met me in town. He had also mentioned the holding off of the rain as a thing to be thanked to the powers of Heaven. I fully agreed with him, feeling only as the executor of the cosmic OR energy and not at all as a powerful "rainmaker" or "rainstopper".

Lessons derived from OROP Rangeley of August 8-9, 1953:

(1) It is possible to prevent the formation of clouds and the falling of rain.

(2) It is possible to direct the drift of clouds in a desired direction.

(3) It is possible to prevent rain and to dissipate rain clouds by Drawing from the direction of the oncoming clouds.

(4) Brief withdrawals of OR energy from heavy clouds lower the potential differences in the cloudy skies and thus equalize distribution of atmospheric OR energy. T his counteracts the tendency for rainfall.

(5) To prevent rain, one must not Draw from the region opposite to the normal OR flow.

(6) Put up a "barrier" to the oncoming cloud bank some 2 to 4 miles ahead of the place which should be kept rain-free.

(7) Use the OR "After-effect" (the tendency of the OR energy to maintain spontaneously a certain artificially induced status). This is a fact, as yet unexplainable.

Oranur Weather Control had gained another important stretch of technical skills. It was soon to be tested on a larger scale.

Chapter IX
OROP Boston (September 2, 1953)

OROP "Children's Parade" had not only increased our knowledge of Cosmic Engineering. It had also increased the conflict and pressure regarding what could be done to help a suffering nation.

The day I had tried successfully to keep rain out from the Rangeley region, I spoke to our operator at Orgonon (Mr Ross). He confessed to have been greatly impressed by the sense of power experienced in such operations at fog-lifting or rain-stopping. I told him that the worst enemy of Oranur Weather Control operations would be such feelings of power. The CORE operator, I explained again, is comparable to the steam engineer who directs the speed of the flow of steam with a single lever. He is, however, not the force itself that drives the train. He is only its "trustee". And trustees must be fully conscious of their responsibilities, never forgetting what powerful forces are entrusted to their care. To eliminate from the scene of CORE operations easy inflation of chronically deflated egos seemed no less important than these operations themselves.

I felt clearly the great power in my hands during these operations. However, having become used for 3 decades to handle highly responsible medical, psychiatric, and educational matters, I did not become "power-drunk".

Boston OROP was executed from Orgonon some 250 miles to the North of Boston. This was the first OROP weather control ever to be executed at long range. It was highly successful in breaking the severe August drought which had harassed the east Coast and the big cities of the Northeast. But it also went slightly out of control and caused some damage, though no lives were lost. These losses were only a fraction of the cost suffered form continued drought.

Let us survey the situation on September 1, 1953. The *New York Herald Tribune* reported the 7th day of a severe "sizzler" with 97 degrees and no relief in sight. The report did not mention (since it knew nothing about it) the DOR effect over New York. According to the *New York Times*, twice as many people died during these few days than was "normal". This added to the wavering of my decision to stand firm on a "scientific proof" of Oranur Weather Control.

There was much DOR but little drought in our region of Maine. I still had hoped that the great difference between the drought situation in northern Maine (as frequently pointed out by Boston Radio) and the rest of the eastern USA would mobilize some action on the part of the responsible representative of agriculture. Nothing happened. The many messages sent to various places by the Orgone Institute such as fire wardens, town clerks, etc. remained unanswered. Only much later did I understand this silence. But at the moment of the most acute drought in history, the silence was unbearable.

I shall later mention a few of the objections raised against our results on the part of the Weather Bureau officials. The objections themselves forced an unimpeachable, foolproof answer. The silence induced me to make myself heard in a manner, impossible to evade any longer. Millions of children starving from drought were now more important that polite considerations.

The following telegram was sent to Mr Ivan Tannehill at the Weather Bureau in Washington, DC on September 2, 1953:

"We are trying hard to turn cloud drift present with small showers and heavy dew in Orgonon area SW toward big cities. Doubtful of success due to small number of 'Cloudbusters'. Drawing in humidity East-to-West from Ocean should possibly break severe drought in your area."

OROP Boston went under way at 10 am on September 2 and was carried on until 12 noon that same day. 3 'Cloudbusters' were put into operation simultaneously: one on the hill at the Observatory, one at the Students' laboratory, and one on a truck near the lake. They were located some 800-1000 feet apart. The Drawing operation was executed with all pipes in all 3 'Cloudbusters' pulled out to full length. The direction of the draw was from North to slightly Northeast toward Boston to the South and slightly Southwest. My impression was that 3 'Cloudbusters' could not trigger enough OR energy sufficient to cause rain at such a distance in Boston. But I was wrong. 3 'Cloudbusters' proved to be at least one too many!

The objective was theoretically to build up a high OR potential over Boston. This OR potential would, in turn, be able to Draw moisture from the ocean toward the city to the West. The following table surveys the actual developments:

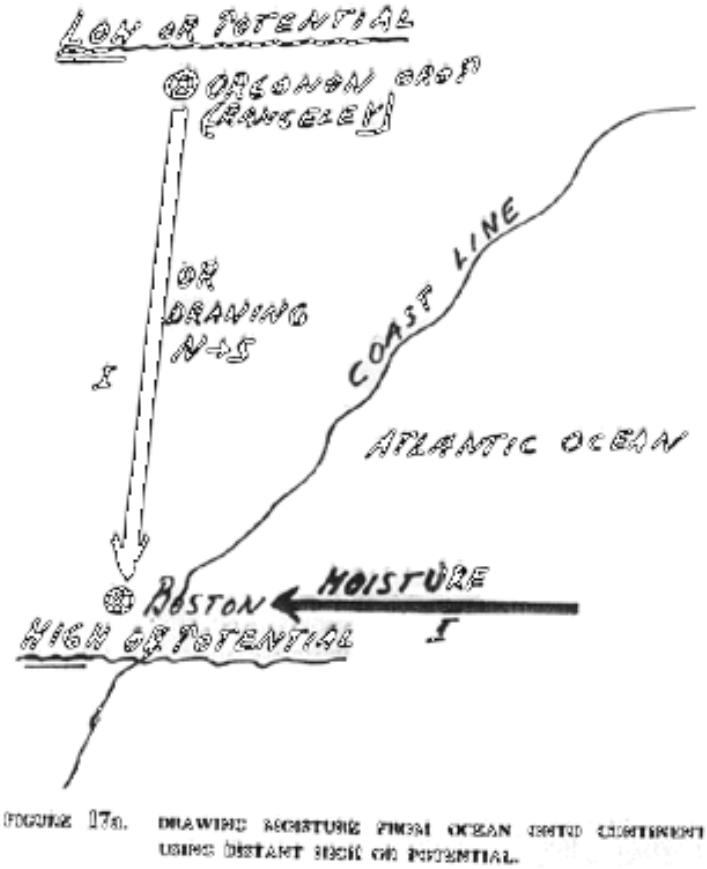


FIGURE 17a. DRAWING MOISTURE FROM OCEAN INTO CONTINENT USING DISTANT HIGH OR POTENTIAL.

Figure 17a: Drawing moisture form Ocean onto Continent using Distant High OR Potential

September 2, 195

8:30 am, Boston Radio Report: No relief in sight, 90-100°F expected in afternoon.
10:59 am: Telegraph sent to Tannehill, Washington DC by Orgone Institute.
10:00 am to 12 noon: OROP Boston with 3 'Ccloudbusters' at full force.
1:30 pm: It looks as if it would rain momentarily.
2:00 pm: Clouds started Southward, changing from Eastward drift.
3:00 pm: Boston Radio Report: Temperature down from 100° to 92°.
5:30 pm: Radio Report Bangor: Forecast for central and northern Maine: scattered thundershowers later tonight, temperature 88°.
6:00 pm: Radio Report Boston WBZ: Forecast thundershowers and cloudy, relief from heat expected, South\jwest winds changing to North (according to our Draw from North-

to-South), New York getting cool air, all its own. "Cold air coming from Canada Friday or Saturday (Sept. 4-5)".

11:00 pm: Boston Radio Report: Northern and central Maine were the only cool spots.

September 3, 1953

8:25 am, Boston Radio Report WBZ: Wind is coming from East, thunderstorm last night; 40 mph wind; 200 trees broken, property damage, 1/3" rain, cool in northern Maine; 90-100^{o}expected tomorrow.

The Boston storm on September 2 had come fully unexpected by anyone n the Weather Bureau. It satisfied the scientific question as to whether a rainstorm can appear "as if from nowhere". The question remained open, however, how it was possible that the storm had hit Boston proper and not some free countryside in the vicinity of Boston. It was possible to assume that the high DOR concentration (the same which had caused the severe drought) was also the cause for the attraction and concentration of the moisture which came from the ocean. What the drawing operation at Orgonon had actually done was no more than lower the potential to the N-NE of Boston. But neither the OR potential at Boston nor the drawing in of moisture from the ocean toward Boston was a direct result of the operation at Orgonon, no matter how many 'Cloudbusters' had been put to use.

The storm of Boston appeared to be the direct result of the increase of an already high but stalemated OR potential. The slight shift in level as well as in mobility should have been sufficient to revive the activities of the atmosphere over Boston with the result of the movement of moisture and air inland from the Atlantic Ocean. This follows clearly from many similar OR functions be they biological or purely physical in nature.

Once an OR energy situation becomes mobilized, it also goes stale. The normal natural OR activities cease to operate. Desert -- whether in the soul, in the mind, or in the wilderness -- is the inevitable result of immobility of OR energy.

The remedy follows logically from this premise. The stalemated situation can only be changed by getting movement (in other words, an energy shift, be it ever so slight) into the stale region. And it was that, I believe, which broke the drought on the September 2 in New England as a consequence of OROP Boston performed at Orgonon, 250 miles to the North.

I had predicted the result in Boston with some reservations. A copy of the telegram went to the weather forecaster in Boston ("Weatherbee") in order to satisfy one of his formal requests to create rain without any weather fronts announced anywhere.

The drought broke unpredicted by the Weather Bureau at about 2 pm at Boston according to radio reports. Rain reached the northern fringe of New York City the same evening. The radio reported that the air had cooled off to 70^{o}, but it complained about "too little rain". The same day at 1:30 pm, shortly before the storm, Boston radio had reported 103^{o}, New York 99^{o}, and Chicago 100^{o}. It is not known how far the relief stretched to the Northwest. But the sky at the coast near Bar Harbor was reported overcast on September 3, and there had been a fine spray of a brief rain.

The Weather Bureau, naturally, judging from it usual daily reports had predicted continued drought that same morning (September 2) with no relief in sight before September 6-or-7. It had also predicted cool air to come in from Canada. In reality, Canada (Montreal) reported heat in the 90s still on September 4, while Boston and New York had cooled off to about 70^{o}. Boston Radio WBZ kept contact with the Orgone Institute through "Weatherbee".

The Orgone Institute is not equipped to chart or predict weather. It has its hands fill with keeping the main line in OR energy research clear. No one at the Orgone Institute claims to be a professional "rainmaker" or to know much about the circulation of "cold" and "warm" air masses which allegedly determine weather formation. No Orgonomic research scientist could pass a test in meteorology. Yet, the following survey will demonstrate the true relationship between basic natural research and routine technological procedures. **[StealthSkater note: It would have seemed prudent to me -- had I been in charge of that institute -- to send one of the students to get certified in meteorology to avoid possible future discreditations.]**

No one enjoyed the many mistakes the official Weather Bureau made during those crucial summer months when OROP Desert was being born. The sharp contradictions and incongruities which harassed the U.S. weathe man during 1953 were the result, basically, of his reluctance to touch upon and to deal forcefully with the cosmic forces which rule his air currents. Another reproach (if "reproach" were in place at this moment) is that the weather officials were also reluctant to search for the causes of their repeated erring. To find and to correct one's errors, however, appears to be the first rank requirement of scientific existence.

But our story does not end here by any means. It has, as a matter of fact, not even really begun yet. It begins to be serious in a much broader and deeper sense, on October 22, 1953.

Let us first summarize the basic foundations of Oranur Weather Control to this point. We have learned and could establish on firm ground:

(1) Clouds can be destroyed or created, diminished or increased by way of changing the OR potential of the atmospheric OR energy.

(2) Rain can be produced by way of increasing clouds and making them coalesce.

(3) Moisture can be drawn from oceans toward dry continents.

(4) It will be possible to direct cloud-drifts at will.

(5) Storms can be produced over distant regions by using the relative interconnections between direction of Draw, high existent potentials, and sources of moisture (ocean).

(6) Drought can be broken at will by a suitable combination of these three functions.

(7) It is much harder to break drought inland than near an ocean.

(8) It is easier to prevent drought than to break it.

(9) Combating desert development promises to be successful; technological means and tools need perfection.

(10) There is no end to the possibilities in Cosmic Orgone Engineering.

(11) The responsibility rests squarely on the shoulders of the Orgone Institute and on the governments of the Earth.

Equipped with these facts, we shall now approach OROP Galactic OR Stream.

The *New York Herald Tribune* wrote an article about "The Brutal Drought" on October 18, 1953. The drought situation continued to be desperate in the USA with the exception of the very few breaks which were accomplished artificially in the northeastern USA.

Chapter X
OROP Galactic Stream (Hancock, October 22, 1953)

(1) The Galactic OR Stream is Real

In 1950 (published in *Cosmic Superimposition*, 1951) I have postulated the existence of the "Galactic OR Energy Stream" which runs at an angle of 62° N-NE off the Equatorial OR Stream. OROP Hancock was designed to test this postulate as to its validity.

The problems regarding Oranur Weather Control Operations were many and grave. Among these problems, two required speedy solution if the new drought which was to be expected for the Summer of 1954 was to be met successfully in time.

(1) Can Oranur Weather Control Operations be taught to intelligent engineers? And if so, how?

(2) Is the so-called "Galactic" OR energy stream (SW-to-NE) real? Could it be used in OROP Desert?

In preparation of the solution to these two questions, a mobile 'Cloudbuster' unit was transferred on September 19, 1953 to Hancock, Maine. The student operator with some training was instructed not to undertake any major operations without special permission and direction by the Orgone Institute. He was, however, permitted to Draw of DOR-clouds from the region toward the ocean as often as necessary. The effect of these DOR removal operations upon the health of the population was to be studied and to be reported by a young local physician.

On October 3, the operator at Hancock was directed to Draw for rain. He failed upon the first attempt. Later, I supported his operation from Orgonon. And this time, he succeeded in obtaining rainfall as intended. The following report speaks for itself. It is important in these functional operations to teach the student operator to recognize his mistakes. He should be able to see in his mistakes major signposts for future successes. He must also be able to account intelligently for the reasons and dynamics of his success.

It may be of interest for future training of CORE engineers to give some attention to this first report of a tyro in cosmic engineering:

"The following is my understanding of why the OROP of October 2 and 4 was successful and is my explanation of how our results came about:

"Operating upon your discovery of last Summer of predominantly drawing from the direction opposite to that where you want the rain to go, I assume that the drawing from the West at Rangeley on October 3 was done because you wanted the rain and weather to go Eastward. By drawing from the West, you would increase the potential to the East of the drawing. In addition, would increase the East-to-West flow of the Orgone Energy stream.

"Your instructions for me to draw from the East on the following day (October 4) was for the purpose of Drawing moisture off from the ocean. This would also increase the potential to the West of this drawing site or in the same area affected by the Rangeley drawing to the West. In addition, the drawing here to the East would get the rain & weather to go to the West. It would tend to reverse the eastward flow or swing of the Orgone stream triggered by your Drawing of the previous day and initiate a westward flow of the Orgone stream. This westward flow -- bringing with it moisture from the ocean -

- would veer toward the South, following the natural path of the prevailing wet weather in this region when it comes from the East. In other words, instead of going straight from the East-to-West, the rain would go Southward toward Boston and we would have what is known in this region as a "Northeaster". Now why this weather from the East would tend naturally toward the SW, I do not know. I suspect that this is related to the direction of flow of the galactic Orgone energy stream mentioned in former discussions.

"One additional factor which may have had a bearing on this OROP is the fact that at 6 am Monday, October 5, I drew from the horizon to the Nourth for 15 minutes. I did this because of the following: At 5 am, the sky was covered by a thick cloud bank with the exception of a small area along the horizon to the North and NW. Here the edge of the cloud bank was very distinct with clear sky beyond. This cloud bank had covered the sky since the previous afternoon. The wind was from the NE. The cloud bank was moving Eastward and the clear area was gradually getting larger. After much hesitation, I drew from this clear area towards the horizon from the North for 15 minutes. My purpose was to decrease the potential in this clear area, thus increasing the potential in the area of the cloud bank upon the assumption that the cloud bank would grow heavier and perhaps halt its drift to the East.

"I committed a mistake here. My error was in not considering the operation as a <u>whole</u> -- in thinking only of the temporary growth of the cloud bank and in not considering the directional factor. The Drawing itself may have been helpful towards triggering the weather that came later in the morning from the NE My error was in my reason for doing it.

"Until I started writing this paper, I considered this drawing from the North was unimportant. Now I realize that when one works thus with the cosmic Orgone energy, there is nothing that is unimportant. Perhaps this drawing from the North was responsible for the cold and snow that came with the weather?

"OROP (October 4, 1953)

"On Sunday morning, October 4, 1953, the sky at Hancock Maine was clear with the exception of a cloud bank low upon the horizon to the West and NW. The wind was moderate, coming from the West and SW. Weather forecasts were as follows: Boston, fair; Maine, fair, few showers over AN portions late today; Boston, fair some cloudiness tonight; Boston WBZ Radio, 6:30 pm Saturday, October 3, no rain in predictable future.

"The Oranur Weather Control Operation at Hancock was conducted for 70 minutes on Sunday from 9:45 am to 10:55 am. The direction of the draw was from East westward, sweeping slowly from NE-to-SE with occasional pauses as indicated. Immediate results observed were as follows: The cloud bank to the West and NW began to grow and to move East. Te SW wind got stronger. Small clouds appeared in the sky to the east just above the area drawn from. The contrast increased between the light and dark areas of the sky. The wind continued strong from the SW throughout the day. The sky became increasingly cloudy during the afternoon with the weather coming from the West and SW until by 5:45 pm, the sky was solidly covered by a thick layer of clouds. At this time, a few raindrops fell. The wind became calm at 7:30 pm and there were a few minutes of light sprinkle. At 8:10 pm, a very gentle breeze began to come from the NW in great strong gusts and blew hard most of the night.

"At sunrise on Monday, October 5, the sky was still largely covered by the thick cloud blanket. However, the edge of this cloud bank was clearly visible to the NW and North toward the horizon. Beyond this was clear sky. The wind was gentle coming from the NW, and the cloud bank was moving eastward with the clear area gradually getting larger.

"After much hesitation, I decided to Draw from this clear area. I Drew for 15 minutes from the northern horizon from this clear area. I did this in an attempt t increase the growth of the existing cloud mass and to halt its eastward drift. I stopped when it appeared that the Drawing was increasing the SE drift of the cloud mass.

"Weather forecasts for Monday, Oct. 5 were as follows: WBZ Radio Boston, 7:30 am predicts clearing, fair; Boston, partly cloudy, fair tonight; Maine, fair today and tonight; Bangor, fair today, cloudy Tuesday.

"The cloud bank continued to move SE until about 10 am when it stopped and seemed to hover over the coast, covering about one-half the sky. At his time, the wind changed and began to come gently from the East. By 2 pm, the cloud bank had begun to move westward and to grow with the wind coming from the East moderately. The sky was completely covered by clouds by 4 pm. The clouds were heavy and growing and had a different character than the cloud mass of the morning. These present clouds -- while dense and heavy -- had a misty, foggy appearance. This was definitely weather coming in from the ocean. Rain was then predicted in Boston for Monday night and rainfall had already been reported over parts of New England. Rain began to fall at Hancock at 7:45 pm. It was a slow, gentle rain which continued throughout the night. The wind continued gentle from the NW. During the night, 1/4" of rain fell at Hancock, and light rain was reported over all of New England.

[by WBZ Radio, Boston]: "The weather and wind continued to come from the NE during Tuesday, October 6. The sky continued to be covered by a heavy blanket of clouds although no rain fell in this vicinity during the day.

"Weather forecast for October 6 were as follows:

"7:30 am, apologized for yesterdays' prediction of clearing… Boston and New England got light rain yesterday and last night. Light rain today and tonight clearing Wednesday. Boston: rain ending early tonight; Maine, rain ending tonight; Bangor, rain Tuesday and Wednesday.

"Rain began to fall during Tuesday night at Hancock and was still falling Wednesday morning. The wind and cloud drift had changed during the night from NE and were coming in from the NW. One ¼-inch of rain had fallen during the night here, and it was reported that most of New England received rainfall during the night (WBZ). Rainfall continued here throughout the day of October 7, stopping at 8 pm Wednesday. The total amount of rainfall at Hancock since Monday was over 1-1/2 inches. New England received from ¼-to-2 inches of rainfall (WBZ Radio Boston, Oct 7, 6:30 pm).

"Weather forecast for Wednesday, October 7: WBZ Radio Boston, rained all night in Boston. Rain ended early today, slowly clearing. Thursday fair; Boston, cloudy, light rain ending this morning; Maine, cloudy, rain ending today; Bangor, cloudy, scattered showers likely."

With this first assignment of an independent OR operation successfully accomplished, the operator was assigned another task. He was asked to Draw for the NE toward the SW and from the East on October 22 from 4 to 5 pm. My Log summary of October 27 on OROP Hancock of October 22 and Orgonon of October 24 reads as follows:

NE OR Stream: I had the operator draw from the NE in order to find out:

(1) Whether rain can be directed and confined.

(2) Whether one can guide it, as it were, along the coast.

(3) Also to let him draw straight East-to-West … whether 2 directions can work together.

(4) Result: It rained beginning Friday, Oct 23, breaking again a severe drought only along the coast while, astonishingly, winds of 20-30 mph blew from the NE toward the SW, also along the coast. The drought was first broken at Bar Harbor with 2 inches of rain on October 24."

"Weatherbee" reported on Boston radio on October 24, "No drought in Bar Harbor, with 2 inches of rain".

According to Boston radio, the rain at Boston proceeded toward the NE while winds blew from 20-25 mph NE-toward-SW.

My plan was to keep Orgonon dry until it rained at the coast only. The operator on the coast knew nothing of this plan or even of the experimental question put forth with regard to the reality of the East galactic OR energy stream in both operations.

While it rained heavily but gently in Bar Harbor, Boston still suffered from drought with wells going dry. Also Orgonon -- in spite of a similar well situation -- was kept sunny on October 24. The rich "Mindo Spring" had dried up completely

Then on October 24 -- 2 days after OROP Hancock -- I Drew for rain from 2 pm to 2:30 pm, again NE-toward-SW with the intention to break the drought at Orgonon. I succeeded. At 3 am on October 25, a strong East wind started blowing. There was soon a complete overcast of heavy rain clouds. But it did not rain. The Sun broke through again in the morning of the 25th. At 11 am, there were a Sun and droughty clouds. But a 4:30 pm, heavy cloud banks were driving in from the East, obviously delayed and related the East-to-West of October 22 with heavy rains lasting for many hours, raining heavily at 9:30 pm October 25. It continued to rain heavily October 16-18. On October 29, it rained all over New England. The direction of the rain was continuously NE-to-SW. This direction had proved more powerful than the East-to-West direction of Drawing.

The wells filled in everywhere. Farmers no longer had to carry water in pails from the lakes to their herds. According to one report, one meteorologist called the rain "unethical", going toward NE with winds blowing (according to the OR operation) from Northeast-to-East. Such behavior of the elements must have impressed anyone used to orderly conduct as "ethical", while the Orgonomic worker was satisfied to be able to comprehend such behavior:

(1) The wind blew from NE and East in accordance with the direction of the Draw -- even to the extent of a prevalence of the NE over East direction.

(2) The OR operation had been directed against the direction of the Galactic OR energy stream. High potential had -- according to the Orgonomic law -- to build up in the SW of the Draw. This was the case beginning with the rain at Bar Harbor to the SW of Hancock.

(3) However, this was not unexpected. One rainstorm center built up after another in a chain-like or relay-like fashion along the coast toward New York and Philadelphia. The preceding chart presents this beautifully lawful behavior of the sequence of the OR energy potentials. The storm centers succeed each another. Beginning to the NE, one-after-another of the relayed centers poured out their rain in unison with the wind direction and against the direction of the galactic OR energy stream.

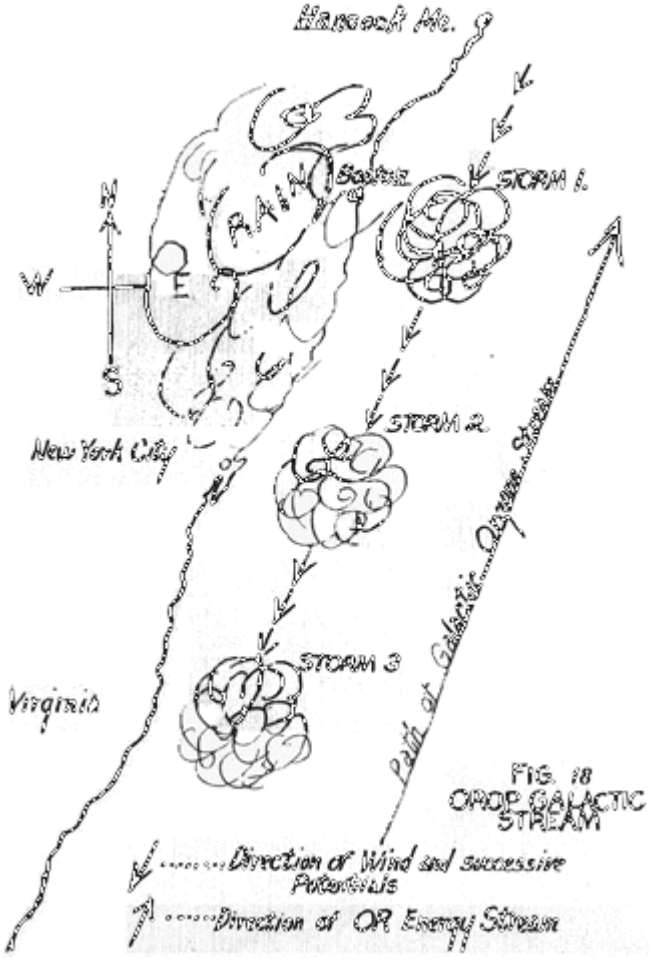
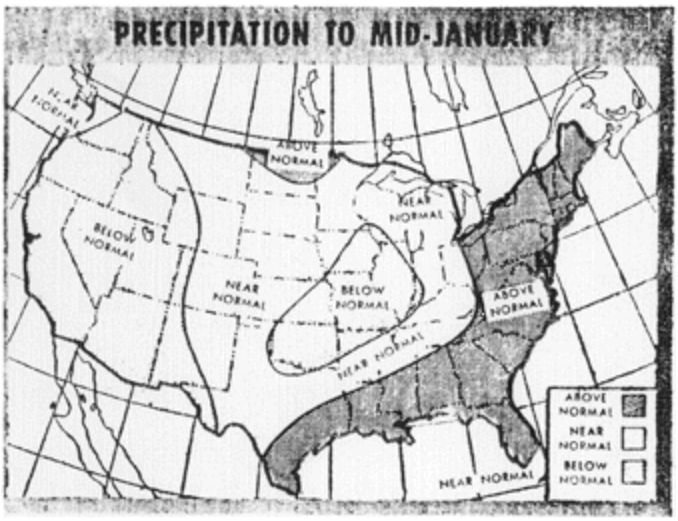


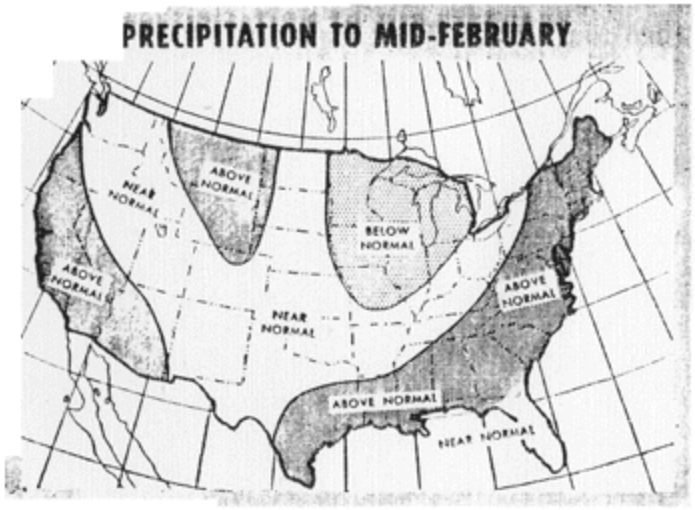
Figure 18: OROP Galactic Stream ~

We are working with natural functions which are far beyond established knowledge. We are groping as if in the dark up a steep mountain die, surmising in many spots that what may be a safe place to set one's foot. There is no precedent to what we are doing. Therefore, caution but also daring are first rank requirements. Without caution, we would waste our efforts. Without daring, we would remain sitting where we are. Here is what I mean:

US News & World Report published the following chart on peculiar weather changes in the USA on December 25, 1953. This was 3 months after OROP Galactic Stream.



U. S. NEWS & WORLD REPORT, Dec. 25, 1953



U. S. NEWS & WORLD REPORT, Jan. 29, 1954

FIGURE 19.

Figure 19: USA Precipitation

If a long ruler is placed on a map of the United States connecting the Gulf of Mexico at the Texas coast with the central line of Maine, an angle of inclination toward the equatorial lie of approximately 62 degrees is obtained. 62 degrees, however, is the exact position of the Galactic Plane in relation to the Equator (see discussion of this fact in *Cosmic Superimposition*, p. 88). This is also the basic direction followed by hurricanes on their veering off toward the typical NE course. It is, furthermore, in its beginning the region of most tornados and floods.

The chart on "Precipitation in Mid-January" shows clearly, officially obtained, an unusual increase of rainfall above normal nearly parallel to the course of the eastern seaboard. Parallel to the extent of a big bend eastward at the North Carolina coast. The chart shows, furthermore, rainfall below normal in the region of the western desert land between regions with above and near normal precipitation. This sounds lawful -- it cannot be mere coincidence. The chart follows nearly exactly the drought situation during the later part of 1953, with rainfall at the East coast, Northeastern part, and a gradient (as it were) in dryness toward the SW.

The extension of the region with above normal rainfall toward the SE falls easily into place with the procedure of the rainfall on the lone of the Galactic Stream toward the SW. The chain reaction could easily just have continued Southwestward. The detailed interrelationship of the 2 charts is, of course, unclear. But as a guiding line for further studies, it serves it purpose well.

Oranur Weather Control will have to follow such interconnections as: (a) the main currents of the atmospheric OR energy streams, (b) the basic directions of Oranur Weather Operations, and (c) designed or unexpected changes in the formation of weather and climate in consequence of the engineering of the OR envelope of the Planet.

We must also take cognizance of the fact that the range through chain reaction of the cloudbusting operations is rather large -- many hundreds of miles.

This last circumstance gives rise to serious thought about possible damage which could be inflicted upon an unsuspecting population if adequate regulation of Oranur Weather Control Operations would not go into effect soon and be efficiently followed by social administration and population alike.

(2) Spaceships & Space Problems

Operation Galactic OR Stream had demonstrated the tremendous power of a single 'Cloudbuster', brought into action on the basis of the knowledge of the Cosmic OR Energy streams. It was immediately clear what this would mean in the hands of sick men. Therefore, the legislative procedures of the Eisenhower administration which tended to secure safety in weather control were greatly appreciated.

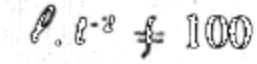
This operation had also clearly shown where further experimentation would lead. In order to make the Cosmic function clear which are entailed in OROP Desert, a great amount of experimental and deductive evidence would have to be presented -- a task which has to await its proper setting for its settlement. It should only be indicated briefly:

Weather Control on the basis of Oranur leads into cosmic functioning <u>beyond</u> the Earth globe. In other words, **interplanetary** and **intra-Cosmic** connection in the broadest sense are involved.

This brings us back to the starting points of this report: the problem of spaceships and space problems.

It is impossible to tell in a few pages the whole story of oOrgonomic research in the realm of cosmic functioning. Instead, I shall tell how I became interested in the "Flying Saucer" problem.

10-14 years ago (1940 to 1944), soon after I had discovered the OR energy in the atmosphere, the Cosmic implications gradually became evident. Physical pendulum experiments (1944) led -- with the true spontaneous logic of objective functions -- toward Orgonometric equations concerning numerical relations in the cosmic OR functions. The result was a pendulum equation:



And a mass-free energy equation:

A manuscript in German was written in an attempt to work out details. The equation and the manuscript together with some charts were put away into the archives. The reason was this. I did not believe the mathematical equations to be worth publishing unless they were confirmed by physical observations and experiments. I had acquired this attitude when I discovered the physical phenomena of atmospheric and cosmic energy which fills the Universe. Then I compared my factual observations with the purely abstract, mathematical formulations which had emptied space, declared the "ether" to be nonexistent and --- as a makeshift on a narrow factual basis --- not only had locked further factual physical research but also stood in the way of the true comprehension of the cosmic primordial energy.

The crucial importance of the subject for the understanding of "Visitors from Outer Space" may excuse my blunt language.

Thus, I waited many years for further factual developments. These developments began to show up when -- after a pause of 3 years (1944-1947) -- I started my work on vacua ("Vacor") as described in the Oranur Experiment. The OR energy motor, too, was then in the process of being worked out. It was published in the first number of the OEB in 1949.

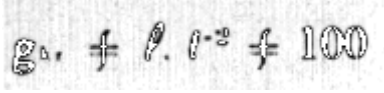
I knew of the existence of a "**saucer**" problem around 1950. But I had never paid much attention to it. The idea of visitors from outer space did not at all seem strange to me. Why should only the Earth be inhabited by intelligent beings? There was no reason whatever to assume such a thing except because of one's vanity as a homo divinus or sapiens. Solipsism on the part of man was too well known from the phantastic cruelties of an age only 400-500 years ago which thought the World to be flat and also to be the center of the whole Universe, with man as its focal point of divine attention.

The fact of spaceships coming down to Earth was therefore nothing new. I had heard about it on the radio at times. But it was never in the center of my attention. This in spite of the fact that friends had told me of saucers having been seen near Orgonon in 1951. Even when in August 1952, when standing on the front porch of my summer house at Orgonon, I heard something buzz from horizon-to-horizon, SW-to-NE within a few seconds, I paid little attention to it.

My interest in the saucer problem was seriously awakened in the following manner, to repeat my brief report contained in the second chapter.

We had suffered gravely from the black substance which had poured down over Orgonon since April 1952 -- the so-called "Melanor". It was obvious from all appearances that this Melanor (see "Blackening Rocks", OEB, 1953) came from somewhere in the Universe. But only in November 1953 when I first read the Keyhoe Report, did things begin to fall into place.

Disclosures regarding the Flying Saucers such as noiseless, bluish shimmering lights, rotating discs, underlying their motion, fell into place with some of the facts I knew well from cosmic OR energy functioning. Functions such as silent operation which I had experienced when the OR motor had been worked on in 1947-1948 or the blue lumination in 0.5 micron pressure vacuum tubes. The old Orgonometric functions came back one -by-one, especially those which dealt with the gravitational equation:



The facts confirming these abstractions seemed to be at hand now in a strangely practical manner. Things tied in further. Function-after-function coordinated itself with what I had read about the "Unidentified Objects". The final picture as of today is about this:

(1) The CORE Men" (CORE = Cosmic Orgone Engineering) -- as I came to call them -- apparently were thoroughly conversant with the laws of functioning in the cosmic OR energy ocean, especially with gravity as a function of superimposition.

(2) They use Cosmic OR energy in propelling their machines.

(3) Their "blue lights" were in agreement with the blue color characteristic of all visible OR functions -- sky, protoplasm, aurora, sunspots, depth of moon valley seen at dusk, the color of OR energy lumination in vacor tubes, etc.

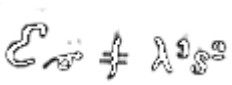
(4) The changes of color from blue to white or red, etc. I nnew well from various studies of OR phenomena. And I had seen some practically in vacor tubes.

(5) The CORE men were obviously riding their spaceships on the main OR energy streams of the Universe (See *Cosmic Superimposition* on "Galactic and Equatorial Streams").

(6) The tremendous speeds which they are able to achieve were not in disagreement with all the tremendous quantities I had calculated for the OR energy streams of the Universe in 1940-1944. There are still many gaps there and many uncertainties. The tables of the krx-number system are in my possession.

(7) A speed of 10,000-or-15,000 mph did not appear impossible in the light of these numbers. On the contrary, it appeared quite natural.

(8) They <u>rotated</u> their discs in harmony with the OR waves they rode on. Rotating discs describe exactly what I had calculated 10 years previously as the so-called KRW ("Krieselwellen") or **Spinning Waves**, without any knowledge of spaceships actually riding Cosmic OR waves. From these waves, I had derived my **mass-free equation**:



Things were fitting well -- even too neatly for my taste. Therefore, I hesitated to tell anything to anyone about them. I only worried about what might have happened to the facts and equations which a student had acquired in 1947 to 1949. He had worked on the OR energy motor. And he **disappeared** in 1949 under <u>mysterious</u> circumstances.

(9) Just as space is not empty, light does not "come down to us from the stars and the Sun". It is an effect of lumination in the OR energy envelope of the planets. It is a local phenomenon. Therefore, there is theoretically no limit to speed in cosmic space except technically. This agrees with the apparently limitless quantities in energy functions which characterize the Orgonometric "krx- system" as progressing in geometric proportions. These Orgonometric calculations seem to be applicable to the technological problems of Cosmic OR Energy Streams.

There are times in the history of man when all slogans of the day become suddenly meaningless -- when Eternity seems to come home to every living soul. The end of 1953 was such a time.

Appendix A
Rules to Follow in Cloud Engineering

(1) Shed all ambition to impress anyone.

(2) Never play around with rain-making and cloudbusting. The OR envelope which you tackle while "Drawing" energy from the atmosphere is an energetic continuum of high power. You may cause twisters. You may stir a forest fire into a wrong direction. You may do other damage without intending to do so. Never do anything unless you must.

(3) If experimenting, it is more important to observe and know why you are doing what than to achieve immediate results. Slowly growing comprehension will secure later results safely.

(4) In cloud engineering, you do not "create rain" -- you do not "destroy clouds". Briefly, you are not playing God. What you do is solely helping nature on its natural course.

(5) Have your equipment, truck, etc. -- especially all metal parts -- well grounded into water, preferably flowing water. Lack of grounding imperils your organism.

(6) Do not let workers Draw OR energy any longer if they become blue or purple in their faces or feel dizzy. Exchange the workers. Let them rest far enough away, and have their faces and arms always wetted down with fresh water.

(7) Do not hold on to pipes or other metal parts while you Draw OR. Always use a separate plastic or wooden handle to move equipment while Drawing. Have your hands always well-insulated with rubber or heavy cotton gloves.

(8) Have signs put up in such a manner that no one is hurt by OR charges. Do not let people stand close by. Among them may be men or women who are ill and would run some danger to their health.

(9) Never "drill a hole" into the sky right above you unless you aim for a long Drawn rain.

(10) When you feel a breeze or wind setting in due to your operation, stop Drawing if the wind becomes too strong or even if it acquires the appearance of a twister.

(11) If you wish to remove DOR clouds, Draw in direction of run of OR envelope.

(12) If you wish to destroy clouds or to stop rain, aim at the center of heaviest clouds.

(13) If you wish to make clouds grow heavier, Draw from the vicinity of the smaller clouds and leave the large or heavy clouds undisturbed.

(14) If there are no clouds in the sky and clouds should be created, disturb the stillness or evenness of the OR envelope all around you by brief, sweeping draws and draw mainly against the run of the OR envelope. To create clouds, you must create differences of OR energy potentials.

Appendix B

Original Protocols of the First 97 DOR Removal & Weather Control Operations

[Only one example included here]

Appendix C
Documentary Record

[Not included here]

[StealthSkater note: According to reports, most of Reich's books were burned by order of the U.S. FDA. This was on charges that he claimed Orgone energy could cure certain diseases. Conspiracists would tell a different story -- that his research (perhaps like Tesla's) was being suppressed for military purposes.]

Reich's Contact With Space

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> "What do they want for proof? There is no proof. There are no authorities whatever. No president, academy, court of law, congress, or senate on this Earth has the knowledge or power to decide what will be the knowledge of tomorrow. There is no use in trying to prove something that is unknown to somebody who is ignorant of the unknown, or fearful of its threatening power. Only the good old rules of learning will eventually bring about understanding of what has invaded our earthly existence."

The invasion that Wilhelm Reich refers to in his introduction to Contact With Space is the invasion of Earth by intelligences from outer space. Very few copies of this remarkable book were made available, and Reich's extraordinary experiences during this turbulent period have been swept under the carpet by 'orthodox' orgonomy.

To speak openly of UFO experiences still invites ridicule or polite smiles of disbelief. Consider then the atmosphere of the mid 1950s when Reich was not only claiming the existence of space visitors but also carefully documenting his battle with these "invaders", while developing his now well-known cloudbusting techniques.

Reich termed the space craft **Ea** (**'E'** standing for 'Energy' and **'a'** for alpha or primordial). **Ea** also represented 'Enigma'...

> "**Ea** is a new event without precedent in our lives," he writes. "Humanity -- with the exception of a few philosophers -- had no idea of the possibility of visitors from outer space. Earthman has not developed any view, method, or scientific tool to cope with the problem. In addition, he has developed in his offspring a character structure and a kind of thinking which obstructs the approach to the new fact by way of ridicule, slander, and outright threat to the existence of the pioneer of space engineering. Therefore, our new approach must start from scratch as if no science existed at all."

Reich's ability to "start from scratch" had characterized his revolutionary approach to psychoanalysis early in his career, long before he left the restrictive climate of Europe to pursue his ideas in "free" America. He is best known for his research into the fundamental life-energy and for his controversial methods of sex therapy. His greatest contribution to real science was his discovery (or re-discovery) of what he called **'orgone'** -- the life energy at the very roots of existence. ["The cabinets (or accumulators) of Dr. Reich attracted and entrapped a bioenergy which he termed "orgone", which is the

same energy known in China as "chi" or to physicists as the "neutrino sea." -- http://www.scene.org/~esa/search/blueprint_for_a_better_world/] Blockages in the free flow of this energy in the individual caused "character armoring" which inhibited the spontaneous expression of joy and pleasure in life. The nature of this cosmic energy -- depending on circumstances -- functioned either as a "life-giving, life-furthering, and reproductive force (**OR**), or in the absence of such conditions turns into a killer of Life (DOR)."

During his orgonomic research, Reich was able to measure this orgone energy. He successfully treated many patients in the **orgone accumulator** -- a specially layered box wherein the life-energy was concentrated. It was this unorthodox method of treatment which brought down the wrath of the Food and Drug Administration upon Reich, an attack which finally secured his imprisonment and death in a federal penitentiary.

"Orgone energy does not exist," the FDA officials said to the judge. Having declared that Cosmic Energy did not exist, it was obvious that its discoverer must either be a "quack" or a "lunatic". That, after all, is the rationale of orthodox, mechanistic science chained to its conceptions of a dead Universe.

For Reich, the Universe was very much alive and his approach to scientific research was functional, taking into account the subjective perceptions and emotions of the researcher. After all, he writes:

> "Classical knowledge may all be wrong such with the perfect Copernican circles, the ellipses of Kepler, the empty space of Einstein, the airgerms of Pasteurian bacteriologists, the atomic nature of the Universe, etc. To see new things from scratch -- to expect the impossible to be true -- belongs to the emotional equipment of the true pioneering scientist."

> "We shall no longer hang on to the tails of public opinion or to a non-existent authority on matters utterly unknown and strange. We shall gradually become experts ourselves in the mastery of the knowledge of the Future."

The First Contact

"From the historic **Oranur Experiment** of 1951, Reich knew that nuclear radioactivity had a deleterious effect upon the living sea of energy in which we all live. From the observations made of the reaction of a milligram of radium put inside an Orgone Energy Accumulator, Reich knew that there was an antagonistic relationship between the energy of Life (Ether, Prana, etc...) and the manmade nuclear energy so recently unleashed upon the planet. The effect of the nuclear "irritant" seemed all out of proportion to the physical amount of radioactive material. The distance of this irritating and wildly exciting Orgone anti-Nuclear effect seemed to reach much farther than the actual radioactivity of the nuclear material would indicate. Perhaps, Reich reasoned, the Orgone Energy was a continuum. And this anti-nuclear reaction of the Life energy (Oranur) extended and perpetuated itself in a chain reaction fashion far beyond the original limits of the nuclear radiation." **[1]**

The development of the **Cloudbuster** was a response to the aftermath of the Oranur Experiment. Around Reich's Oranur laboratory near Rangeley, Maine, the atmosphere became polluted with **DOR** (Deadly Orgone Radiation). The black and bleak DOR clouds were remarkably similar to what would later be called air pollution or smog. These clouds were present even in the midst of sunshine. And where they gathered, the atmosphere felt "suffocating"; the sky seemed to lose its sparkle; and animals and humans felt lethargy and other symptoms of malaise.

Not only were the DOR clouds a noxious presence, but a black powdery substance poured down onto the area -- a substance that Reich came to directly associate with the presence of **Ea** in the skies

above Rangeley. It was here that UFOs began to appear -- big yellow and reddish pulsating "stars" which were easily discernible from the planets and bluish colored fixed stars.

Previous to this, Reich had no experience with UFOs and had never studied the subject. Now he was faced with a direct confrontation. Some nights there would be 3-or-4 **Ea** hanging in the sky above Orgonon. They would make the atmosphere black. But by mobilizing the cloudbuster, Reich was able to clear the air and make the sky blue again. It was under these peculiar conditions that the "spacegun" came into existence and the war with Ea began.

> "I made actual contact by way of the cloudbuster with luminous objects in the sky on May 12, 1954... During this hour, men on Earth saw for the first time in the history of man and his science 2 "Stars" to the west fade out several times when cosmic energy was drawn from them."

> "Easy contact was made on that fateful day with what obviously turned out to be a heretofore unknown type of UFO. I had hesitated for weeks to turn my cloudbuster pipes toward a "star" as if I had known that some of the blinking lights hanging in the sky were not planets or fixed stars but space machines. With the fading out of the 2 "stars", the cloudbuster had suddenly changed into a **spacegun**... What had been left of the old world of human knowledge after the discovery of the OR energy 1936-40 tumbled beyond reprieve. Nothing could any longer be considered 'impossible'. I had directed drawpipes -- connected with the deep well toward an ordinary star -- and the star had faded out four times."

Reich had first hesitated on using the spacegun on the **Ea**, considering the possibility of them being some kind of American craft. But the situation became so intolerable with the noxious OR influence that he finally decided to. He found the power of the Oranur Spacegun tremendous due to the sensitivity of the OR energy ocean. The energy equilibrium of **Ea** could be disturbed or even put out of order by withdrawing energy from it directly. The affected **Ea** seemed at first to struggle, pulsating erratically, then shrink and even fade out completely. But the space visitors seemed to be retaliating by increasing the DOR pollution in the vicinity.

> "There was no doubt left as to the purposefulness of the activities of **Ea**: Energy was being drawn from the planet with the consequences known now, 1956, far and wide as 'DOR-emergency'; decay of vegetation, the crumbling of granite rock, a feverish atmosphere. OR energy laws -- mostly unknown to us earthmen -- were used technically in the **Ea** operations."

A detailed report on the **Ea** problem was forwarded to the **American Air Force who appeared to be "burningly interested" in the subject but not particularly surprised.**

To further test the correlations between **Ea** and the desert-forming DOR, Reich and the cloudbuster crew made their preparations to go to the fully developed desert and the OROP Desert Expedition was underway.

Survey on Ea

A simple chart Reich made to differentiate between stars and UFOs hovering high in the sky. Certain facts about the appearance of the UFOs such as their noiselessness, their shimmering lights (sometimes bluish in appearance), rotating discs underlying their motion, fell into place with some of the facts Reich knew well from cosmic OR functioning:

1. The **'CORE Men'** (CORE = Cosmic ORgone Engineers) -- as he came to call them -- apparently were thoroughly conversant with the laws of functioning in the cosmic OR energy ocean.
2. They used cosmic OR energy in propelling their machines.
3. Their "blue lights" were in agreement with the blue color characteristic of all visible OR functions, sky, protoplasm, Aurora, sunspots, the color of OR lumination in vacor tubes, etc.
4. The CORE MEN were obviously riding their spaceships on the main OR energy streams in the Universe.
5. Just as space is not empty, light does not "come down to us from the stars and the Sun". It is an effect of lumination in the OR energy envelope of the planets. It is a local phenomenon.

Therefore, there is theoretically no limit to speed in cosmic space. The **Ea** were able to achieve tremendous speeds.

Deadly Orgone Radiation

Driving across country to Arizona where the expedition would make its base, Reich closely observed the atmospheric conditions. DOR tended to concentrate over cities and became more pronounced as they entered the desert regions. Here it was observed to sink down into the valleys and hover low over the landscape like a ceiling. The tops of distant mountain ridges were seen to project clearly above the DOR shell like islands above the ocean. And on these peaks the primal vegetation was still alive while the lower vegetation -- covered by the low-lying DOR blanket -- died off, leaving only desert in the valleys. **Especially in the areas near atomic testing sites.**

Reich described the mountain ranges as being "eaten out", gnawed at by DOR as if a monster were feeding on the rock itself. The DOR functions were characterized by "a silent, invisible and inaudible gnawing away and insidious consumption of the life force of a host or organism."

> "The process of disintegration of trees and whole forests is due to progressive DOR prevalence in the atmosphere. A slight DOR prevalence causes dryness. Dryness in turn increases DOR. Thus in a vicious circle, the water-hunger grows together with diminishing precipitation. The process is slow and not easily discernible. Not much is known about its secret attrition of life."
>
> "It has great significance for the mastery of our future, that DOR surplus causes deserts in the landscape as it does in the organism. Desert souls will enhance desert development. And desert development will increase DOR or staleness in human emotions."

DOR is hungry for nourishment, for water, for oxygen. As the DOR increases, it vampirizes its host (in this case, the abundant life energy indigenous to the Planet).

Reich observes that:

> "the pestilential character shows the same type of behavior. He saps juicy, emotionally rich people and deprives them of their strength -- akin to the behavior of a tapeworm -- within the host victim. The pestilential character thrives on the energy loss in the victim. But in the end, he perishes with the host. From here to sociological conclusions regarding the secret dynamics of political dictatorship is only a logical step. From here, too, a bridge can be built toward understanding the connection between desert development on our planet

and visitors from outer space. These visitors are using fresh cosmic energy for their locomotion and pour the slag, DOR, into our atmosphere. Whether this is being done on purpose or by accident does not matter as far as the effects upon Life are concerned."

Reich foresaw the complete destruction of Life upon Mother Earth looming on the horizon unless DOR energy could be reverted again into OR (or Life Energy).

OROP Desert Ea (1954-55)

"Life holds only a narrow wedge as its own domain in the infinite vastness of cosmic energy."

The desert around Tucson Arizona was chosen for 'Operation OROP' -- one of the hottest and oldest deserts (25,000 years) of the U.S. There was no primary vegetation growing. There had been no rain for five years. By October, 1954, the base was operating.

It was not the primary objective of the expedition to "make rain over rainless desert". Reich had no ambition to impress anyone with rain-making. Rather he wanted to find the borderline where their artificial efforts at a new atmospheric technology could end "and be replaced by the self-regulatory, self-sustaining laws that governed the behavior of cloud formation, rain cycles, cosmic energy metabolism in the atmosphere, etc. as they do in the living organism."

He had observed that the living organism apparently metabolizes freshly taken in OR energy into DOR which is expelled in the form of CO2, urine, feces, and sweat. In the healthy organism, the energy equilibrium between the charge and the discharge was easily maintained. However, during sickness more OR seemed to change into DOR. Thus, Reich concluded, a prevalence of DOR would be a basic feature of all disease.

Subjectively Reich and his coworkers experienced the DOR atmosphere in the desert as oppressive and irritating, with the blinding heat seeming to draw the juice and life energies out of their bodies.

"Thus, having seen and felt the desert, Expedition OROP proceeded to begin cloudbuster operations in order to find out whether such a climate could be changed."

"With cloudbusting operations, much DOR was removed and fresh Orgone Energy was brought in from the SouthWest (along the Galactic Orgone Stream). The immediate result was a freshening of the atmosphere and environment. Gone was the parching dryness and gone was the blinding whiteness of the sky.

"Rainmaking was not the goal. In fact, noticeable results occurred prior to any rain falling on the dry, sandy desert floor. By November, the barren desert north of Tucson began to turn green with a fine growth of new grass! In December, the greening of the desert had spread to cover an area 40-to-80 miles from Tucson with new grass up to 1-foot high! This happened without any rain falling, due solely to the fresh atmospheric Life Energy and attendant moisture from the Pacific Ocean, 250-400 miles to the Southwest." **[1]**

The arrival of denatured Radium (ORUR) from the Oranur experiment at Rangeley dramatically increased the effectiveness of the cloudbusting operations:

"While the clearing of the atmosphere had previously been done by drawing off the DOR clouds into a lake, now -- within a few seconds using ORUR material -- the sky cleared and became blue... The change in the atmosphere was immediately felt by all observers. Even

dirty steel-gray, DOR-affected rain clouds seemed to fill up and become white in a brilliant, formerly dull, stale atmosphere."

However, **Ea** were also observing the operations. Whenever the familiar pulsating craft were seen in the sky, the rain clouds disappeared and severe DOR infested the atmosphere, making conditions extremely unpleasant for the crew. If the spacegun was not used, the atmosphere became unbearable. One operator at a spacegun was paralyzed by DOR while drawing from an **Ea**. Reich wrote: "There was no escape from the fact that we were at war with a power unknown to man on Earth."

But the ORUR was found to be extremely effective in combating the Ea menace. "One could now reach far into space with ORUR. The range was limitless theoretically since the OR energy ocean is endless and most sensitive to stimuli as demonstrated by the processes of dawn, dusk, and our actual operations over vast stretches of space."

Another DOR-creating problem was **atomic testing** within the desert region. Reich was later to consider the possibility of immunizing the atmosphere against atomic explosions -- much as living systems are immunized against infection. By creating a highly 'ORUR-ized' atmosphere, he reasoned, the DOR energy from atomic blasts or from **Ea** could be siphoned off. It was noticed that during the ORUR operations, there were "coincidentally" many publicly-announced **postponements of atomic tests**.

It became apparent to Reich that although there was moisture in the atmosphere, the lack of actual rainfall around Tucson was due to a DOR barrier somewhere west of the experimental site in Arizona, preventing the clouds and moisture flowing in from the Pacific. The barrier was found to exist on the Sierra mountain divide where a concentration of DOR was breaking up and dissolving the rain clouds coming in from the west.

By March 1955, continuous DOR removal operations were set up just to the west of the divide. Within 2 weeks, the barrier was breaking up with a black precipitate form of DOR ("Melanor") falling to the ground and turning the white sand dark. By the end of March, rain began to occur in the desert. The breaking of the DOR barrier had accomplished the full breakthrough of fresh OR energy into the desert basin.

The expedition was successful. The atmosphere had undergone a radical change, breaking a 5-year drought and turning completely barren desert land into green pasture again after thousands of years.

It proved conclusively to Reich that desert development was clearly and doubtlessly reversible, that through a new kind of orgone technology, humanity could convert life-destroying energy back into life-sustaining energy.

Winding up his affairs, Reich left the desert in April 1955. It was to be his last major operation. Within 2 years, he was to die in prison, destroyed by a system that could not tolerate the free expression of live-giving energy. But the Enigma remains...

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Wilhelm Reich's Contact With Space

by Robert Scott Martin
SPACE.com staffwriter
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On January 28, 1954, Wilhelm Reich "happened accidentally to observe 2 bright yellow-orange lights moving in front of a mountain range toward a lake." The encounter was the opening salvo of a "war" with UFOs that would occupy the final phases of Reich's troubled medical and scientific career.

At the time, Reich -- a trained psychoanalyst who had once belonged to Sigmund Freud's inner Vienna circle -- was already facing what he called "emotional and physical misery" caused by his more terrestrial battle with the U.S. Food & Drug Administration over the use of "**orgone**" -- a controversial form of ambient "life energy" that he claimed to have discovered.

Reich found an inexhaustible range of uses for his discovery, touting orgone as everything from the secret of anti-gravity to a tool for weather control (especially rainmaking). Most importantly, he found that he could use orgone to "interfere" with UFOs.

But to the FDA, orgone simply did not exist, rendering Reich's orgone-based therapies prosecutable under quackery statutes. Even today, 4 decades after the controversy, Reichian therapists claim to be able to manipulate the energy for a wide variety of healing effects -- including the cure for cancer -- without resorting to drugs, radiation, or chemicals. Instead, Reichians work to build up a current of orgone within the patient's vicinity in order to strengthen and heal the underlying life force itself.

Nevertheless, Reich's legal fight with the FDA ended with his death in prison after defying a federal injunction against the use of orgone for medical purposes.

Whatever the official status of his medical theories, Reich expected a response when he wrote to the U.S. Air Force about his UFO sighting. He reasoned that "the U.S. Air Force is the natural organization in the Western World responsible" for dealing with such phenomena because "it operates in the atmosphere and watches the frontier upward toward outer space." When the military didn't deal with his report to his satisfaction, Reich took matters into his own hands.

The Encounter and the Air Force

In his letter to the Air Force -- reproduced in his last book Contact With Space -- Reich described his sighting as "a brightly shining light" moving from west-to-east through the forest outside Rangeley, Maine. A second, similar phenomenon soon joined the first, both moving steadily in front of Spotted

Mountain. He concluded that the objects were not stars due to their course and the mountain intervening between their apparent motion and the sky, but the possibility that they were military vehicles or other objects of a terrestrial type did not seem to occur to him.

At around the same time, Reich's secretary Ilse Ollendorff also reported seeing "a similar but brighter and bigger, because closer, object." Like the aerial phenomena observed by Reich, Ollendorff's sighting hovered in front of a mountain but then "was seen rising once vertically upward, settling down again and then disappearing."

The Air Force, for its part, was either unaware of Reich's running battle with the FDA or was intrigued enough by his encounter to overlook the controversy. Lt. Steven J. Hebert, stationed at the Presque Isle Air Force Base, wrote back telling Reich that the "subject officer notified this organization to take whatever action necessary since this unit is interested in investigating unidentified aerial phenomena."

Hebert enclosed a copy of "Technical Information Sheet Form A" (the Air Force's UFO reporting questionnaire) for Reich and Ollendorff to fill out and return. As Contact With Space ruefully notes, Reich received the letter only 5 days before the FDA obtained the injunction forbidding the distribution of orgone equipment as medical devices.

Reich returned the questionnaire along with a copy of a short essay "Survey on **Ea**", providing background on other unusual occurrences around the Orgonon research facility including the revelation that friends had told Reich "of saucers having been seen over Orgonon in 1951". However, he had taken little personal interest in the reports until 1953 when his discovery of Donald Keyhoe's book made him wonder whether UFOs -- or in his terminology, "Enigma Alpha" or "**Ea**" -- might be propelled by orgone.

The Air Force did not reply, perhaps put off by the impenetrable nature of the "basic orgonometric equations" included as an appendix to "Survey on **Ea**". In the book, Reich includes a rather coyly self-important note saying "not all can be revealed" about his relationship with the Air Force. But there is no evidence in Contact With Space that Reich was in communication with the military until October, a full 6 months later.

Instead, during that time, Reich writes that he busied himself with appealing the FDA injunction and preparing a research trip to Arizona where he hoped to investigate the role played by orgone reactions in the formation of deserts.

Watching for hostile signs in the sky

In looking toward space to explain his sighting, Reich showed himself to be anything but an uncontaminated witness. Like most U.S. citizens in the 1950s, exposed to years of speculation that flying saucers were not native to the Earth, Reich already believed that unknown aerial phenomena were -- in his words -- most likely "contacts with visitors from outer space."

Reich was familiar with Donald Keyhoe's groundbreaking 1953 book Flying Saucers from Outer Space, leaving him predisposed to look for *extraterrestrial* explanations for the unknown lights weaving across the sky near his Maine research facility. Moreover, the fact that he had seen "War of the Worlds" only 3 weeks before reporting his sighting was also likely a contributing factor -- as Reich called the film "a rather realistic approach to the planetary emergency," it evidently made quite an impression.

Furthermore, the cultural climate of the 1950s not only predisposed Reich to look beyond the Earth but also to look for evidence that his UFOs were engaged in "warlike" behavior.

The threat of war was in the air, both in Reich's embattled personal life and in the broader political framework. The Keyhoe book popularized several apparently hostile encounters between Air Force pilots and unidentified aerial phenomena, while no less a personage than General Douglas MacArthur would warn only a year after Reich's sighting that "all countries on Earth will have to unite to ... make a common front against attack by people on other planets."

With that in mind, the Austrian refugee who had fled to the United States from the Nazis considered it not only a scientific but also a patriotic duty to alert Air Force Intelligence to the encounter at once.

This policy of full disclosure was typical to Reich, who had taken care to keep the White House informed about developments in orgone research since 1951. While his critics point to this as another symptom of what long-time skeptic Martin Gardner called Reich's "paranoid egoism", Reich himself seems to have considered the matter a "major responsibility" and seems to have downplayed the potential uses of his encounter as a self-promotional vehicle.

Just before the war with the UFOs

In May, however, Reich made an accidental discovery that a few Air Force officers -- including General Harold Watson, chief of intelligence at Wright-Patterson Air Force Base -- would find very interesting.

As Reich was scanning the sky with a "**cloudbuster**" -- a device he had designed to draw orgone out of the sky in order to induce rain -- he saw a star "fade out" in the presence of 3 other witnesses. He pointed the cloudbuster pipes at a second blinking light, which also faded in brightness. Meanwhile, the first star reasserted itself once the cloudbuster was pointed away from it.

Reich repeated the experiment three more times in quick succession, reporting identical effects each time. As it was scientifically impossible that his device could have interacted with actual stars -- even in orthodox Reichian literature, the cloudbuster's range was measured in kilometers not light-years -- he concluded that his device had interfered with 2 UFOs.

Having concluded that his cloudbuster could also function as a "spacegun", Wilhelm Reich began to outfit his Arizona expedition as though preparing for a war with outer space.

In October 1954, Wilhelm Reich was under siege. Not only had the Food and Drug Administration stripped him of his livelihood, but also almost daily UFO sightings were leaving his friends and family exhausted and frightened.

"There is no doubt that I am at war" with the UFOs, Reich wrote hours after four bright pulsating lights hovered for hours over Orgonon, his research facility in rural Maine. "What seemed only a possibility 1-year ago is certainty now."

The UFOs had been menacing Orgonon since Reich began experiments with super-charging his "cloudbuster" weather-control device with small amounts of radioactive material. Reich had learned in May that the cloudbuster not only apparently pulled rain out of clouds but also drained energy from lights in the sky, making it -- in his words -- a "spacegun" effective against UFOs.

Like the cloudbuster, the Austrian psychiatrist turned "natural scientist" was convinced that UFOs operated on orgone -- an ambient energy source that interacts with life and organic matter. Reich's claims to the contrary, the FDA had determined that orgone did not exist and so had obtained an injunction against any medical treatment purporting to effect cures through orgone manipulation.

However, Reich stayed devoted to the reality of his discovery. He trained the "spacegun" on 2 aerial objects as they hovered ominously over Orgonon, causing both to retreat. One "disappeared after weakening, waning, and blinking, leading Reich to conclude triumphantly that "tonight, for the first time in the history of man, the war waged for ages by living beings from outer space upon this Earth ... was reciprocated."

As above, so below. On that same day, Reich informed the authorities in Portland that he would resume his orgone-oriented publishing efforts. This defiance would lead to his death in prison less than 3 years later.

An odd meeting with Air Force Intelligence

Convinced that the aliens were waging their "war" against Earth by poisoning its orgone and creating deserts, Reich decided to test his spacegun in the drought-wracked wastes north of Tucson, AZ. According to his final book Contact With Space, it had not rained in Tucson for 5 years, making the desert a perfect proving ground for both the cloudbuster's rainmaking and UFO-weakening abilities.

Meanwhile, in order to share his findings with the Air Force, Reich sent his assistant William Moise ahead to Wright-Patterson Air Force Base in Dayton, Ohio. As Reich bitterly noted, Orgonon "had received no direct help from the Air Force, financial or otherwise". But he remained eager to keep the military posted on the *extraterrestrial*-combat uses of orgone.

Moise, however, got a guarded reception at Wright-Patterson. General Harold Watson, chief of Air Force Intelligence, had initially seemed eager to speak with Moise about Reich's claim to have "disabled" 2 UFOs, even insisting that Moise could arrive late in the day and the 2 men could "continue the conference after supper."

Traveling cross-country, Moise was concerned that accidental factors could get in the way of the meeting and confirmed his appointment with Watson twice. Still, by the time he got to Dayton, Watson was unavailable due to "unexpected important business."

Instead, a "Dr. W. H. Byers" and Harry Haberer greeted Moise at the base. Moise hated Byers on first sight, calling him "a man with a flabby handshake and eyes that don't look at you." As Watson had expressed concern that a group from the CIA would be visiting that week, it is a tantalizing possibility that Byers was a member of that delegation. Haberer, meanwhile, is known to UFO research as "a crack Air Force public relations man."

Moise refused to talk to the 2 men and instead waited until the next day when he briefed the base's deputy commander, who reportedly became "excited" by the revelation of a weapon against UFOs. Haberer and Byers were apparently less impressed but took notes.

The battle of Tucson begins

According to Reich, the Air Force continued its tacit interest in his work, sending numerous jets to fly by his cloudbusting experiments but making no overt gestures because the spacegun was "hot because it wasn't official, and the reason it wasn't official was because it was so hot."

When his group arrived in Tucson from heavily-wooded Maine on October 19, they were shocked by the Arizona desert which was apparently much more severe than it is today. "We were impressed by the bare ground, giving a general impression of whiteness, hardness," Reich wrote. "The river beds had all been dry for about 50 years ... No prairie grass was to be seen anywhere."

Over the next few weeks, the party -- composed of Reich, his daughter Eva and son Peter, Moise, and another assistant -- suffered almost immediately from dehydration, exhaustion, and general discomfort, all of which they attributed to poisonous "deadly orgone radiation". However, harassment from UFOs was sporadic-but-persistent, leading Reich to theorize that the "thirsty" aerial phenomena were actively fighting his rainmaking efforts.

The researchers fought back throughout November, apparently encouraging a rich growth of winter prairie grass but no rain. Transportation difficulties had forced Reich to leave his supply of radioactive material behind at Orgonon, leaving the cloudbusters at a sharp disadvantage against the UFOs. Without the radioactive charge, Reich's team could only annoy the lights in the sky but not hinder their inscrutable activity in any real sense.

Meanwhile, the UFOs kept making the researchers miserable. One of Reich's assistants suffered a "breakdown" while training his cloudbuster on the sky, forcing him to return to his family for a month of recuperation. *In his absence, Reich speculated that the man had drawn too much poisonous orgone from a lurking alien* object.

By December 7, Reich decided it was time to strengthen his hand by sending for his radioactive hole card -- 2 radium needles charged with orgone. After a plane trip marked by misadventure and bad weather, the needles arrived a week later.

"A planetary Valley Forge"

Once Reich had his radium, he was ready to retake the offensive against the UFOs and the desert simultaneously.

"On December 14 about 16:30 hours, a full-scale interplanetary battle came off," he wrote. "A battle which would have appeared incredible as well as incomprehensible to anyone who knew nothing about the (UFO) problems or who adhered to the illusion" that neither UFOs nor orgone existed.

First, the Orgonon team had to shake off "a special kind of deadly orgone attack" that left them "in very bad shape ... sick ... dulled, somehow out of balance." A "tremendous black cloud -- looking like smoke from a huge fire" -- grew over Tucson, eventually taking on an angry reddish-purple coloration and triggering readings of 100,000 counts-per-minute on Reich's Geiger counter. All of the researchers "suffered from nausea, quivering, pain in the upper abdomen, and discoloration of movements" while "about a dozen Air Force planes of various kinds" flew over the team's camp.

Matters of orgone -- beneficial or poisonous aside -- Reich's description of the event is reminiscent of a nuclear bomb test: a strong military presence, radiation, smoke, queasiness. However, it is unlikely that the Government would set off a bomb apparently targeted directly on Tucson -- a thriving regional center of commerce.

Reich brought his radium needles into contact with the cloudbusters and started firing away at the cloud to dissipate its power. The operation took about 20 minutes, at which time the cloud had broken up and the Geiger count returned to normal.

It rained 3 weeks later. In the meantime, Reich's journal is filled with dozens of UFO sightings -- "red-white-blue pulsations", "yellow pulsations", "silvery disks", "green-yellow steady" -- on which to train his spacegun sights. Most "grew fainter", were "extinguished" or "blinked out". The grass covering the desert grew to a height of "several inches to a foot deep", encouraging local ranchers to drive cattle into the region in herds.

After a brief side trip to Jacumba, CA, the team headed home to Maine at the end of April, 1955. "Our job in Arizona was done," Reich said.

He was dead 18 months later, and all available copies of his books were burned by court order. Only a few copies survived, forcing his scattered disciples to rely on private printings of his works -- including Contact in Space -- for direction.